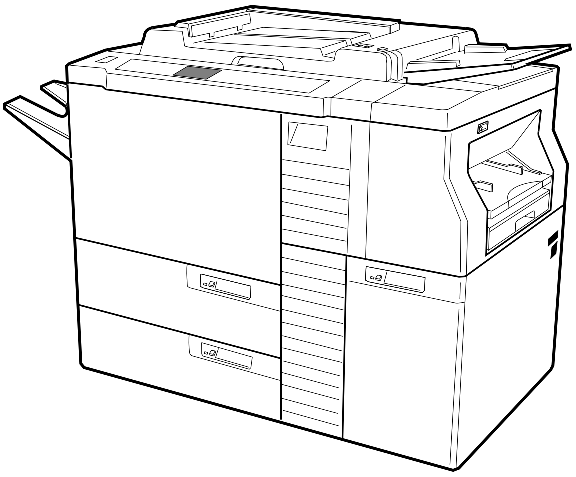
SHARP **SERVICE MANUAL**

CODE: 00ZSD2260SME1



COPIER (DUPLICATOR)

MODEL SD-2260

CONTENTS

[1] PRODUCT OUTLINE . . . . 1 – 1

[2] SPECIFICATIONS . . . . 2 – 1

[3] CONSUMABLE PARTS . . . . 3 – 1

[4] SETUP . . . . 4 – 1

[5] EXTERNAL VIEWS AND INTERNAL STRUCTURE . . . . 5 – 1

[6] SETTING AND ADJUSTMENTS . . . . 6 – 1

[7] SIMULATION . . . . 7 – 1

[8] RADF UNIT TEST FUNCTIONS . . . . 8 – 1

[9] MAINTENANCE . . . . 9 – 1

[10] TROUBLESHOOTING . . . . 10 – 1

[11] KEY OPERATOR PROGRAM . . . . 11 – 1

[12] SETTING/ADJUSTMENT VALUES RECORDING SHEET . . . . 12 – 1

[13] OTHERS . . . . 13 – 1

Parts marked with "⚠" is important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

This document has been published to be used
for after sales service only.
The contents are subject to change without notice.

Contents

[1] PRODUCT OUTLINE 1-1
  1. System configuration 1-1
  2. Features 1-2

[2] SPECIFICATIONS 2-1
  1. Basic specifications 2-1
  2. Copy performance 2-1
  3. Operational (hardware) specifications 2-2
  4. Option specifications 2-5

[3] CONSUMABLE PARTS 3-1
  1. OPC drum, developer, toner, maintenance kit 3-1
  2. Copy paper 3-6
  3. Environment conditions 3-7
  4. Production number identification 3-7

[4] SETUP 4-1
  1. Installation (use) environment checking 4-3
  2. Transport and installation 4-4
  3. Unpacking 4-5
  4. Lock release 4-6
  5. Parts setup 4-8
  6. Option installation 4-10
  7. Consumable parts setup 4-11
  8. Cleaning 4-14
  9. Operational specification setup 4-14
  10. Image correction function setup and check 4-14
  11. Image density sensor, photoconductor drum mark sensor operation check 4-14
  12. Image correction execution 4-15
  13. Copy density check 4-15
  14. Focus (resolution), copy magnification ratio check (adjustment) 4-15
  15. Operation check 4-16
  16. Copy image center shift check 4-16
  17. Image loss, void area check (adjustment) 4-16
  18. Recording of adjustment/setting values, ROM version 4-16
  19. Explanation for user operation 4-16
  20. Others 4-16

[5] EXTERNAL VIEWS AND INTERNAL STRUCTURE 5-1
  1. External views 5-1
  2. Internal operation parts 5-2
  3. Operation panel 5-3
  4. Internal parts 5-4
  5. Sensors and detectors 5-6
  6. Solenoids and clutches 5-9
  7. Motors 5-10
  8. PWB 5-12
  9. Fuse 5-14

[6] SETTING AND ADJUSTMENTS 6-1
  1. Specification setting 6-6
  2. Paper feed, paper transport section 6-9
  3. Optical section 6-18
  4. Image forming section 6-39
  5. Fusing/paper exit section 6-46
  6. Switchback section 6-48
  7. Duplex section 6-49
  8. RADF section 6-51
  9. Original table section (Japan only) 6-57
  10. Picture quality correction system setting and adjustment 6-59
  11. Copy density adjustment 6-63

[7] SIMULATION 7-1
  1. General 7-1
  2. Purpose 7-1
  3. Operating procedure 7-1
  4. Simulation list 7-2
  5. Details of simulations 7-6

[8] RADF UNIT TEST FUNCTIONS 8-1
  1. General 8-1
  2. Test mode operating procedure 8-1
  3. Operation panel 8-1
  4. Test mode list 8-1
  5. Details 8-2

[9] MAINTENANCE 9-1
  1. Maintenance timing and items 9-1
  2. Parts replacement, cleaning, lubrication, grease up 9-7

[10] TROUBLESHOOTING 10-1
  1. Self diagnostics 10-1
  2. Memory related troubles and servicing for main control troubles 10-21
  3. Paper jam, misfeed table 10-25

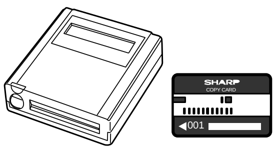
[11] KEY OPERATOR PROGRAM 11-1

[12] SETTING/ADJUSTMENT VALUES RECORDING SHEET 12-1

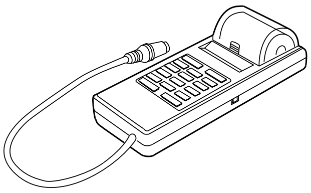
[13] OTHERS 13-1

[1] PRODUCT OUTLINE

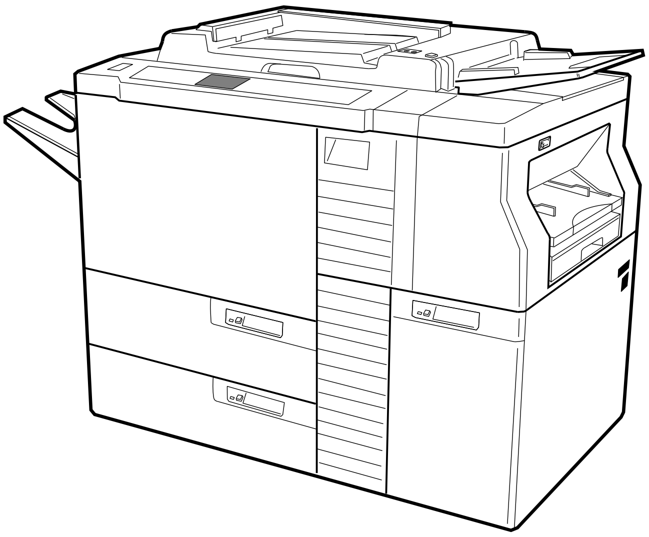
1. System configuration



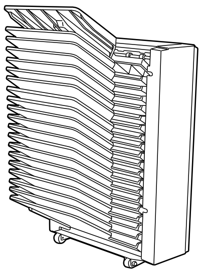
Card type auditor
SF-EA11



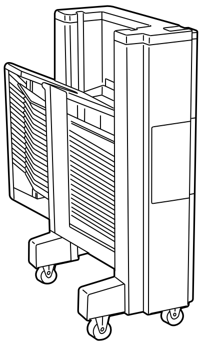
Commander
SF-EA13



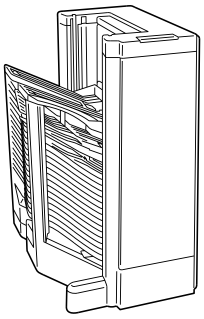
SD-2260 main body



20-bin sorter
SF-S16



20-bin staple sorter
SF-S53



20-bin staple sorter
SF-S55

☐ Expansion RAM (2600 dept) (For internal auditor)
∗ DKIT-0321FCZZ
☐ Communication interface board
∗ CPLTM4130FC53

Part name		Model	Common use model	Power source	Note
Copier body		SD-2260			
RADF (New)	∗	Standard (New)		Supplied from the copier.	
20-bin sorter	∗	SF-S16	SF-2050, SD-2060, etc.	Supplied from the copier.	
20-bin staple sorter	∗	SF-S53	SF-2050, SD-2060, etc.	Supplied from the copier.	
20-bin staple sorter	∗	SF-S55 (New)		Supplied from the copier.	Can be used only in SD-2260.
Card type department control counter	∗	SF-EA11	SF-2050, SD-2060, etc.	Supplied from the copier.	
Commander	∗	SF-EA13	SF-2050, SD-2060/3062, etc.	Supplied from the copier.	
Paper exit tray		LSOU-0054FCG4	SF-2050, SD-2060, etc.		Treated as a service part.
Expansion RAM for internal auditor	∗	DKIT-0321FCZZ	SD-2060/3062/2160		The standard capacity of the internal auditor is 500 departments. By installing this expansion RAM, 2600 departments are added to be 3100 departments in total.
Communication I/F board	∗	CPLTM4130FC53	SD-2060/3062/2160		Treated as a service part with the frame. The part without the frame (PWB unit) is CPLTM4132FC55.

∗: Option

2. Features

(1) High productivity

① Large capacity tray, cassette

Air paper feed tray (3,300 sheets) × 1

Air paper feed tray (1,000 sheets) × 1

Paper cassette (250 sheets) × 1

Manual paper feed tray (100 sheets) × 1

② RADF is equipped with the large capacity tray (100 sheets, 80g/m^2).

③ Duplex copying of max. 100 sheets is possible. (The duplex tray capacity: 100 sheets, 80g/m^2) 50 sheets for A3 (11″ × 17″).

④ Large capacity toner hopper (Equivalent to 56K)

⑤ RADF realizes 100% efficiency of single copy from single documents.

⑥ The staple sorter of 50-sheets allows automatic after-process (with the option sorter installed).

⑦ Unit structure

The employment of the unit structure allows quick recovery by replacement of the unit in case of a trouble, shortening the recovery time.

⑧ Automatic copy density adjustment

This feature automatically adjusts the copy lamp voltage in each copy mode depending on the copier conditions, eliminating the need for copy density adjustment by the simulation.

(2) High reliability

① Air feed system

The air feed system allows smooth paper feed. It utilizes air pressure to separate paper without contact, stabilizing the paper transport force, reducing double feed and paper jam.

② Auto recovery

In case of a paper jam, the trouble may be canceled by removing the minimum number of paper. (The drive section of the copier is divided into several sections, which are driven separately. In case of a paper jam, transport is continued or stopped depending on the jam position. By removing paper from the sections which are not related to the paper jam, the trouble is canceled, reducing paper jam treatment.)

③ Communication feature

Communication between the copier and the service center is possible through the telephone line. The serviceman can identify the trouble position in advance to servicing, shortening the recovery time. (Option)

④ Full frame structure

The frame of the machine is made of a strong structure, enabling long-period use that is highly durable.

(3) The LCD screen with the backlight allows each operations.

① Key operator program

Use of the key operator program allows setting and adjustment of the operation mode according to the office needs. The department control counter is a standard provision.

(4) High picture quality

① AICS (Active Image Control System)

The Sharp's unique AICS (Active Image Control System) allows to check toner concentration on the photoconductor drum by the copier itself, correcting a change in density due to deterioration automatically. This maintains high quality copies for a long period.

[2] SPECIFICATIONS

1. Basic specifications

1) Type

   Console

2) Copy system

   Static electricity transfer, dry copier

3) Class

   Segment 4

4) Target users

   The target users of this model are high copy volume users such as general offices and copy centers.

   Monthly copy volume: Average 40,000 ~ 50,000/month

   (Min. 30,000/month, max. 200,000/month)

5) Machine life (Overhaul): 1200K

6) Size

   1167 × 762 × 1080mm

   1627 × 762mm (Occupying area) (With the paper exit tray and the paper feed tray installed)

7) Weight

   257 kg (567 lbs)

2. Copy performance

A. Original size

(1) Original table mode

Max. original size: A3 (11 × 17")

(2) RADF mode

Original size: A3 ~ A5 (11 × 17" ~ 5.5 × 8.5")

B. Copy paper size, weight, kinds

(1) A3 ~ A5 (11 × 17" ~ 5.5 × 8.5")

C. Copy mode

Auto mode

Photo mode (Variable in 9 steps)

Manual mode (Variable in 9 steps)

D. Copy magnification ratio

(1) Zoom mode

50 ~ 200% (Variable in 1% increment)

(2) Fixed magnification ratios

AB series:	200/141/122/115/100/86/81/70/50 [%]
Inch series:	200/141/129/121/100/95/77/64/50 [%] (Error ±0.9%)

E. Copy speed

(1) Continuous copy speed

Unit (CPM)

Paper size	Normal	Reduction (50%)	Enlargement (200%)
A3	36	36	36
B4	41	39	41
A4	60	53	44
A4R	46	45	44
B5	60	58	44
B5R	46	45	44
11 × 17	36	36	36
8.5 × 14	41	39	41
8.5 × 11	60	53	44
8.5 × 11R	46	45	44

(2) First copy speed

Unit (sec), 8.5 × 11" or A4 paper

P.F. unit	Non-RADF mode		RADF mode	
	Without sorter	With sorter (SF-S55) installed (Reference value)	Without sorter	With sorter (SF-S55) installed (Reference value)
TRAY1	4.0	4.3	4.6	4.9
TRAY2	4.7	5.0	4.8	5.1
TRAY3	5.2	5.5	5.3	5.6
M.F TRAY	3.7	4.0	4.7	5.0
Cassette	3.6	3.9	4.7	5.0

F. Max. continuous copy quantity

999 sheets

G. Void area, image loss

Item	Lead edge	Rear edge
Image loss	1.0 ~ 4.5 mm	—
Void area	1.0 ~ 3.0 mm	1.0 ~ 4.0 mm
Image shift for paper	0±1.5 mm	—

H. Resolution

Copy magnification ratio	Copy center	Corners
100%	5.0 lines/mm	4.5 lines/mm
101 ~ 200%	5.0 lines/mm	4.5 lines/mm
90 ~ 99%	4.5 lines/mm	4.0 lines/mm
64 ~ 89%	3.6 lines/mm	3.2 lines/mm
50 ~ 63%	3.2 lines/mm	2.8 lines/mm

I. Center shift

Original table mode	Single	±2.0 mm
	Duplex	±2.0 mm
Overall (RADF mode)	Single S → S D → S	±3.0 mm ±4.0 mm
	Duplex S → D D → D	±3.0 mm ±4.0 mm

J. Skew feed

Copier (Original table mode)	Single	2.0mm or less
	Duplex	2.0mm or less
Overall (RADF mode)	S → S, S → D	3.0mm or less
	D → S, D → S	3.0mm or less

K. Duplex multi copy

Max. 100 sheets, however 50 sheets for A3 (11 × 17")

3. Operational (hardware) specifications

A. Paper feed section

(1) Paper feed system

3 paper feed tray (Air paper feed system)

1 paper cassette (Roller paper feed system)

Multi manual paper feed (Roller paper feed system)

(2) Paper capacity, paper weight, paper size, paper kinds

Paper feed section	Destination	Capacity	Paper size	Detection size	Paper weight	Size selection	Type
No. 1 paper feed tray	Japan	3,300 sheets	A4, B5	A4, B5	60 ~ 90 g/m^2 16 ~ 24 lbs	Guide change (by serviceman)	Air paper feed system
	EX AB series	3,000 sheets	A4	A4			
	Ex Inch series		8.5 × 11	8.5 × 11			
No. 2/3 paper feed tray	Japan	1,000 sheets	A3 ~ B5	A3, B4, A4, B5, A4R, B5R, 8.5 × 11, 8.5 × 14	60 ~ 128 g/m^2 16 ~ 32 lbs	Universal	Air paper feed system
	Inch series		11 × 17 ~ 8.5 × 11 A4	11 × 17, 8.5 × 14, 8.5 × 11, 8.5 × 11R, A4, (8.5 × 13)			
	EX other AB series		A3 ~ A4 8.5 × 14, 8.5 × 11	A3, B4, A4, A4R 8.5 × 11, 8.5 × 14			
	Australia, New Zealand		A3 ~ A4 8.5 × 13, 8.5 × 11	A3, B4, A4, A4R 216 × 279, 216 × 330 (mm)			
Cassette paper feed	Japan	250 sheets	A4, A4R, B5, B5R 8.5 × 11, 8.5 × 11R	A4, A4R, B5, B5R 8.5 × 11	60 ~ 128 g/m^2 16 ~ 32 lbs cover paper (176g)/index paper (200g)	Universal	Roller paper feed system
	EX AB series		A4, A4R, B5, B5R 8.5 × 11, 8.5 × 11R	A4, A4R 8.5 × 11			
	EX inch series		A4, A4R, B5, B5R 8.5 × 11, 8.5 × 11R	A4, 8.5 × 11, 8.5 × 11R			
Manual paper feed tray	Japan	100 sheets	A3 ~ A5	A3, B4, A4, A4R, B5R, 8.5 × 11	50 ~ 128 g/m^2 13 ~ 32 lbs cover paper (176g)/ index paper (200g) ∗1	Universal	Roller paper feed system
	Inch series		8.5 × 5.5 ~ 11 × 17	11 × 17, 8.5 × 14, 8.5 × 11 8.5 × 11R, 8.5 × 5.5, (8.5 × 13)			
	EX other AB series		A3 ~ A5	A3, B4, A4, A4R, A5 8.5 × 11			
	Australia, New Zealand		A3 ~ A5	A3, B4, A4, A4R, A5 216 × 279, 216 × 330 (mm)			

*1: Manual tray
Special paper (OHP, etc.)

Duplex unit	All destinations	100 sheets, 50 sheets for A3 (11 × 17")	A3 ~ B5 (11 × 17 ~ 8.5 × 11)	—	60 ~ 90 g/m^2 16 ~ 24 lbs	—	Air paper feed system

B. Original table section

(1) Max. original size

A3, 11 × 17"

(2) Original reference position

Left center reference

(3) Original size detection

System: Photo transmission sensor system

Detection size: A3, B4, A4, A4R, B5, B5R

C. RADF section

(1) Paper feed system

Roller paper feed system

(2) Transport system

Belt transport system

(3) Reverse system

By the reverse gate and the roller.

(4) Original tray capacity (paper feed, paper exit tray)

Max. 100 sheets (80g/m^2)

(5) Original size

A3 ~ A5 (11 × 17" ~ 5.5 × 8.5)

(6) Original paper weight

Single mode: Japan - 35 ~ 128g/m^2 (35 ~ 50g/m^2 for thin paper mode)
EX - 50 ~ 128g/m^2, 13 ~ 32 lbs

Duplex mode: 50 ~ 128g/m^2, 13 ~ 32 lbs (A5 ~ A4)
50 ~ 110g/m^2, 13 ~ 29 lbs (A5 ~ A3)

(7) Original replacement speed

60 sheets/min (Max.) (A4/8.5 × 11")

(8) Operation mode

- Duplex/single
- Normal paper/thin paper
- Normal/stream mode

(9) Original size detection

1) Original size detection by the original tray

   Detection by the detector on the original tray (The paper width is detected by the analog sensor, and the paper length by the paper length detector.)

   (Detection size)

   Japan: A3, B4, A4, B5, A4R, B5R, 8,5 × 11, 8.5 × 14
   EX inch series: 11 × 17, 8.5 × 14, 8.5 × 11, 8.5 × 11R, 8.5 × 5.5, A4 (8.5 × 13 possible by SIM setting)
   German/UK: A3, B4, A4, A4R, A5, 8.5 × 11, 8,5 × 14
   Australia: A3, B4, A4, A4R, A5, 216 × 179, 216 × 330 (mm)

2) Original size detection by the original transport roller rotation

   (Detection size)

   Japan: A3, B4, A4, B5, A4R, B5R
   EX inch series: 11 × 17, 8.5 × 14, 8.5 × 11, 8.5 × 11R, 8.5 × 5.5
   (8.5 × 13 possible by SIM setting)
   German: A3, B4, A4, A4R, A5
   Australia: A3, B4, A4, A4R, A5, 216 × 330 (mm)

D. Optical section

(1) Exposure system

Exposure section (lamp) scanning slit exposure system

(2) Zooming system

Lens moving system

(3) Lens specifications

Composition: 1-group, 4-lens

Fixed focus lens F: 5.6, f: 220mm

(4) Exposure mode

Auto mode (Synchronized with scanning operation to measure the center of 100mm wide for automatic adjustment of the copy lamp voltage.)

Manual mode

Photo mode

(5) Copy lamp specifications

Halogen lamp

(100V system) 85V, 220W

(200V system) 170V, 260W

(6) Correction

Automatic correction of the copy lamp voltage.

E. Image forming section

(1) Photoconductor section

1) Type: OPC
2) Size: 100 φ
3) Life: 250K
4) Humidity control by the surface heater

(2) Charger section

1) Main charger

   Scorotron system (screen grid, saw tooth electrode)

2) Transfer charger

   Corotron system by wire

(3) Separation section

1) System: Separation by the separation charger and the separation pawl
2) Separation charger

   Corotron system by wire

3) Separation pawl life
4) Pre-transfer discharger

   Corotron system by wire

(4) Developing section

1) System: Magnetic brush developing system
2) 2-component development (Developer: Positive charging, toner: negative charging)
3) Developing bias voltage: DC–220V
4) Developer

   Capacity: 850g/bag × 2 bags (= 1.7 kg)
   Life: 250K
   Type: Ferrite type

(5) Toner hopper section

Capacity 930g (Equivalent to 28K with 6% density originals)

(6) Cleaning section

Cleaning by the brush and the pressure contact blade system

Cleaning blade life: 125K

(7) Correction

Main charger grid voltage correction

Photoconductor drum OPC membrane wear sensitivity correction

F. Fusing section

(1) System

Roller pressure system

(2) Roller type

Teflon roller (heat roller) life

500K

Silicon rubber roller (pressure roller) life

250K

(3) Heater lamp

Destination	Main	Sub
Japan 15A spec.	750W	660W
Japan 20A spec.	1075W	700W
EX 100V series	1100W	700W
EX 200V series	1150W	650W

(4) Fusing temperature

Destination	Copy mode	
	Normal	Duplex
Japan 15A spec.	205˚C	205˚C
Japan 20A spec.	200˚C	200˚C
EX inch series	200˚C	180˚C
EX AB series	205˚C	205˚C

(5) Separation system

Forced separation by the separation pawl

Upper separation pawl life:	250K
Lower separation pawl life:	250K

(6) Cleaning system

Cleaning by the cleaning roller

Upper cleaning roller life:	125K
Lower cleaning roller life:	125K

G. Switchback section

(1) System

Transport speed variable system by the reverse gate and the stepping motor

H. Duplex section

(1) Paper feed system

Air paper feed system

(2) Paper capacity, paper weight, paper size, paper kinds

(Paper weight, size)

A3 ~ B5 (11 × 17 ~ 8.5 × 11) However, fixed size.

60 ~ 90g/m^2

(Paper capacity)

Max. 100 sheets, however 50 sheets for A3 (11 × 17)

I. Paper exit section

Tray capacity 250 sheets

Full detection feature

J. Waste toner collection section

Capacity: 1750g (125K, with 6% density originals)

K. Jam recovery time

Within 5 sec (When jam canceling is made within 60 sec in case of a jam outside the fusing section.)

L. Communication function

Remove communication function (RS232C)

M. Warm-up time

Japan:	About 10 min (15A specification), about 5 min (20A specification)
EX:	About 5 min

N. Operating voltage, power consumption

(Power consumption)

Max.

Japan		EX
15A	20A	1900W
1500W	1800W	

Average 1200W (During copying)

Power save mode (Pre heat mode (Fusing temperature fall))	236Wh or less
Stand-by mode (Ready state)	332Wh or less
Power shut off (Power switch OFF)	15Wh or less

(Operating power) (Fluctuation)

Within 10% of the rated voltage, within ±2% of the rated r\frequency

O. Noise

	Sound power level	Sound pressure level
During copying	75db or less	63db or less
Standby	55db or less	40db or less

P. Electromagnetic noise

Japan:	Electromagnetic wave regulations VCCI
USA:	FCC
Europe/Australia/South Africa:	CISPR

Q. Additional functions

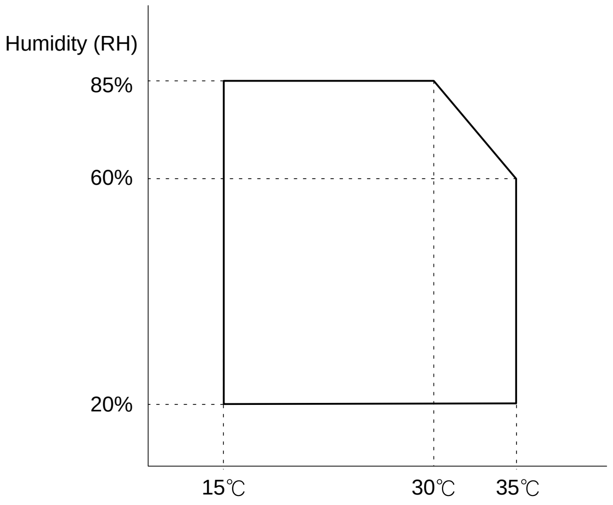
	Japan	SEC	SECL	SEEG	SUK	SCA	Others
Auto paper selection (APS)	○	○ (Only when RADF is used)					
Auto magnification ratio selection (AMS)	○	○ (Only when RADF is used) AMS is used by document size detector of RADF tray.					
Binding margin	Shift width: 9mm, /4 inch (with adjustment function) Adjustment width: 0, 3, 6, 9, 12, 15mm/0, 1/8, 1/4, 3/8, 1/2, 5/8 inch						
1-set 2-copy	○ (Enlargement impossible)						
Edge erase	○ (Edge erase/center erase/edge + center erase) Edge erase adjustment width: 0 ~ 6, 6 ~ 12, 12 ~ 18mm/ 0 ~ 1/4, 1/4 ~ 1/2, 1/2 ~ 3/4 inch Center erase adjustment width: 10, 15, 20mm/2/5, 3/5, 4/5 inch						
Cover insertion	○ (Cover paper/back cover/ front, back cover (duplex copy possible))						
Index insertion	○ (Duplex copy possible/max. 18 pages insertion possible)						
OHP index	○						
Job memory	○ (9 ways)						
Auditor	○ (Standard 500 departments. 3,,100 departments when expanded. DKIT-0321FCZZ required.)						
Key operator program	○						
Communication	○ (I/F PWB is treated as a service part.)						
Toner save mode	○ (Set by the simulation.)					○	
Auto tray switching	○						
Installation tray priority selection	×						
Pre-heat function	○ (Selection by the key operator program)						
Auto power shut off (EnergyStar compliance)	○ (OFF mode available by the simulation)		×				
Power save mode	×		○				

R. Environmental conditions

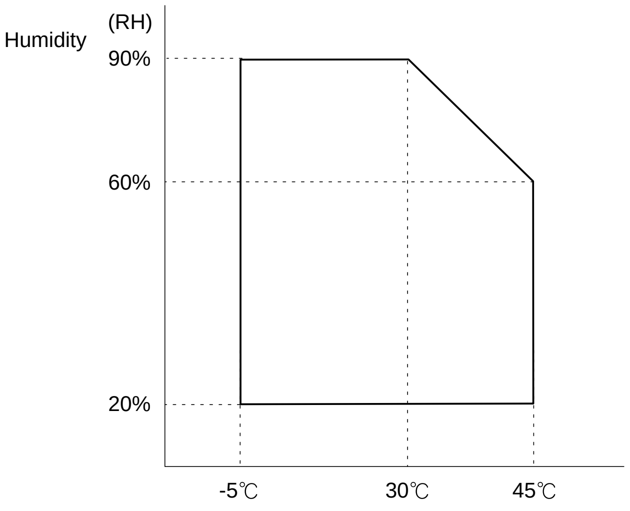
(Standard conditions)

Temperature: 20 ~ 25˚C, humidity: 65 ± 5% RH

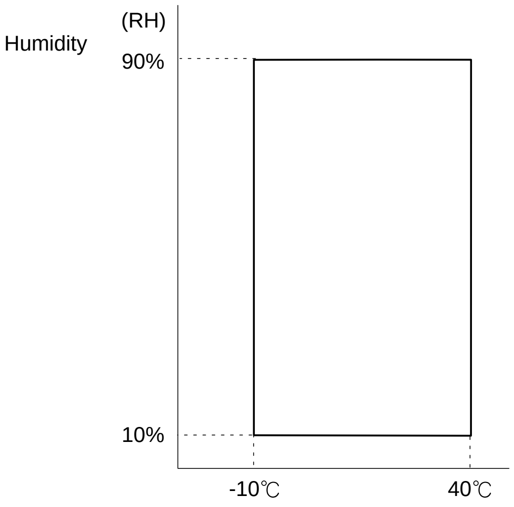
(Operational condition)



(Transport conditions)



(Consumable parts storage conditions)



4. Option specifications

A. Sorter

• 20-bin sorter (SF-S16)

Number of bins:	20 bins	
Capacity:	Non-sorting	100 sheets
	Sorting	50 sheets
	Grouping	30 sheets
Sortable size:	Japan;	all detectable sizes
	USA;	All detectable size excluding 5.5 × 8.5
	Canada;	All detectable size excluding 5.5 × 8.5
	UK:	All detectable sizes excluding A5
	Europe;	All detectable sizes excluding A5
	Australia;	All detectable sizes excluding A5

Power: 24V (Supplied from the copier)

Copier weight: 26.5kg

Dimensions: 512 (W) × 520 (D) × 883 (H)mm

• 20-bin staple sorter (SF-S53)

Number of bins: Non-sort bin - 1 bin, sort bin - 20 bins

Capacity: Non-sorting 250 sheets
- Sorting: 11 × 17, 8.5 × 14, 8.5 × 13, A3, B4; 25 sheets
  - 8.5 × 11, 8.5 × 11R, A4, A4R, B5; 50 sheets
- Grouping: 11 × 17, 8.5 × 14, 8.5 × 13, A3, B4; 25 sheets
  - 8.5 × 11, 8.5 × 11R, A4, A4R, B5; 30 sheets

Sortable size:
- Japan; All the detectable sizes
- USA; All the detectable sizes excluding 5.5 × 8.5"
- Canada; All the detectable sizes excluding 5.5 × 8.5"
- UK; All the detectable sizes excluding A5
- Europe: All the detectable sizes excluding A5
- Australia; All the detectable sizes excluding A5

Staple sortable sizes:
- Japan; All the detectable sizes excluding B5R
- USA; All the detectable sizes excluding 5.5 × 8.5"
- Canada; All the detectable sizes excluding 5.5 × 8.5"
- UK; All the detectable sizes excluding A5
- Europe: All the detectable sizes excluding A5
- Australia; All the detectable sizes excluding A5

Staple capacity: 50 sheets

Staple position: Left upper corner, slant, one position

Stapler cartridge: 1 cartridge - 5000 staplers

Stapler detection: Available

Alignment: 2.5mm

Bin shift time: About 15 sec (20 bins → Bin home position)

Power source: 24V (Supplied from the copier)

Max. power consumption: 75W or less

Weight: 37kg

Dimensions: 465 (W) × 597 (D) × 926 (H) mm

• 20-bin multi position staple sorter (SF-S55)

Number of bins: Non-sort - 1 bin, sort bin - 20 bins

Capacity: Non-sorting 50 sheets
- Sorting: 11 × 17, 8.5 × 14, 8.5 × 13, A3, B4; 25 sheets
  - 8.5 × 11, 8.5 × 11R, A4, A4R, B5, A5; 50 sheets
- Grouping: 11 × 17, 8.5 × 14, 8.5 × 13, A3, B4; 25 sheets
  - 8.5 × 11, 8.5 × 11R, A4, A4R, B5; 30 sheets

Sortable size:
- Japan; All the detectable sizes including A5
- USA; All the detectable sizes excluding
- Canada; All the detectable sizes
- UK; All the detectable sizes
- Europe: All the detectable sizes
- Australia; All the detectable sizes

Staple sortable sizes:
- Japan; All the detectable sizes
- USA; All the detectable sizes excluding 5.5 × 8.5"
- Canada; All the detectable sizes excluding 5.5 × 8.5"
- UK; All the detectable sizes excluding A5
- Europe: All the detectable sizes excluding A5
- Australia; All the detectable sizes excluding A5

Staple capacity: 50 sheets

Staple position: Corner 1 position, 2 positions, 1 position

Stapler cartridge: 1 cartridge - 5000 staplers

Stapler detection: Available

Alignment: 2.5mm

Bin shift time: about 15 sec (20 bins → Bin home position)

Power source: 24V (Supplied from the copier)

Max. power consumption: 100W or less

Weight: 56kg

Dimensions: 564 (W) × 609 (D) × 986 (H) mm

B. Auditor,commander

MODEL	DESCRIPTION
SF-EA11	CARD COUNTER (Read the department code by printed on card and memory of the copy count is stored to insided memory.)
SF-EA13	COMMANDER (Setting the department)

	Memory	Printer	Display	Key	Maximum number of department
SF-EA11	YES	NO	YES	NO	200
SF-EA13	NO	YES	NO	YES	

Card (Used for SF-EA11)

	Dept number	Number of card
SF-EA11A	1 to 30	30
SF-EA11B	31 to 100	70
SF-EA11C	101 to 200	100
TOTAL	200	200

Combination of use

SF-EA11 and SF-EA13

C. Expansion memory (For the international auditor)

DKIT-0321FCZZ (3100 department expansion)

D. Key sheet and operation manual kits

English	SD-260SE
German	SD-260SG
French	SD-260SF
Dutch	SD-260SH
Spanish	SD-260SS
Italian	SD-260SI

[3] CONSUMABLE PARTS

1. OPC drum, developer, toner, maintenance kit

(USA)

No.	Name	Content	Life	Product name	Package	Remark
1	Drum	OPC drum (New) × 1	250K	SD-365DR	6	Similar to the drum for SD-2060/3062.
2	Developer	Developer (New) (0.85Kg) × 10	250K	SD-365MD (SD-365ND × 10)	1	Two packages are used. (SD-365ND) × 10 = SD-365MD
3	Toner	Toner cartridge (New) (0.93Kg) × 10	28K	SD-365MT (SD-365NT × 10)	1	(SD-365NT) × 10 = SD-365MT
4	Upper heat roller kit	Upper heat roller (New) × 1 Fusing separation pawl (Upper) × 4 Fusing gear (New) × 1 Heat insulation bush (New) × 2	500K	SD-365UH	5	Similar to the upper heat roller kit for SD-2060/3062.
5	Lower heat roller kit	Lower heat roller × 1 Fusing separation pawl (Lower) × 4	250K	SD-360LH	5	Similar to the lower heat roller kit for SD-2060/3062.
6	Cleaner blade	Cleaner blade × 10	125K	SD-360CB (SD-360BL × 10)	1	(360BL) × 10 = 360CB, order reception as SD-360CB. (365RU) × 10 = 365UR, order reception as SD=365UR. (360RL) × 10 = 360LR, order reception as SD-360LR. No. 6, 8, 9: Common to SD-2060/3062.
7	Upper cleaning roller	Upper cleaning roller (New) × 10	125K	SD-365UR (SD-365RU × 10)	1	
8	Lower cleaning roller	Lower cleaning roller × 10	125K	SD-360LR (SD-360RL × 10)	1	
9	Waste toner bottle	Waste toner bottle × 1	125K	SD-360TB	5	
10	Staple cartridge	Cartridge × 5	5000	SD-LS20 (SD-SC20 × 5)	10	Use for SF-S53
11	Convenience parts kit	365CP × 5 (Drum separation pawl × 2) (Charging blade unit × 1) (Screen grid (New) × 1) (Toner reception seal × 1)	250K	SD-365CK (SD-365CP × 5)	1	(365CP) × 5 = 365CK, order reception as SD-365CK. Common to SD=2060/3062.

∗ Charger wire (250K), Ozone filter (500K), DV seal (500K), and CL brush roller (500K) are supplied as service parts.
Waste toner bottle (125K), screen grid (250K), charging blade unit (250K), drum separation pawl (250K), and toner reception seal (250K) are supplied also as service parts.

(Canada)

No.	Name	Content	Life	Product name	Package	Remark
1	Drum	OPC drum (New) × 1	250K	SD-365DR	6	Similar to the drum for SD-2060/3062.
2	Developer	Developer (New) (0.85Kg) × 10	250K (× 5)	SD-365MD (SD-365ND × 10)	1	Two packages are used. (SD-365ND) × 10 = SD-365MD
3	Toner	Toner cartridge (New) (0.93Kg) × 10	28K (× 10)	SD-365MT (SD-365NT × 10)	1	(SD-365NT) × 10 = SD-365MT
4	Upper heat roller kit	Upper heat roller (New) × 1 Fusing separation pawl (Upper) × 4 Fusing gear (New) × 1 Heat insulation bush (New) × 2	500K	SD-365UH	5	Similar to the upper heat roller kit for SD-2060/3062.
5	Lower heat roller kit	Lower heat roller × 1 Fusing separation pawl (Lower) × 4	250K	SD-360LH	5	Similar to the lower heat roller kit for SD-2060/3062.
6	125KPM kit	Cleaner blade × 1 Waste toner bottle × 1 Upper cleaning roller (New) × 1 Lower cleaning roller × 1	125K	SD-365KA	5	
7	250KPM kit	Drum separation pawl × 2 Charging blade unit × 1 Toner reception seal × 1 Screen grid (New) × 1	250K	SD-365KB	5	Common to 250KPM kit for SD-2060/3062.
8	Staple cartridge	Cartridge × 5	5000	SD-LS20 (SD-SC20 × 5)	10	Use for SF-S55

(Europe) SEEG, SUK

No.	Name	Content	Life	Product name	Package	Remark
1	Drum	OPC drum (New) × 1	250K	SD-365DM	6	Similar to the drum for SD-2060/3062.
2	Developer	Developer (New) (0.85Kg) × 10	250K (× 5)	SD-365LD (SD-365DV × 10)	1	Two packages are used. (SD-365DV) × 10 = SD-365LD
3	Toner	Toner cartridge (New) (0.93Kg) × 10	28K (× 10)	SD-365LT (SD-365T × 10)	1	(SD-365T) × 10 = SD-365LT
4	Upper heat roller kit	Upper heat roller (New) × 1 Fusing separation pawl (Upper) × 4 Fusing gear (New) × 1 Heat insulation bush (New) × 2	500K	SD-365UH	5	Similar to SD-2060/3062.
5	Lower heat roller kit	Lower heat roller × 1 Fusing separation pawl (Lower) × 4	250K	SD-360LH	5	Similar to the lower heat roller kit for SD-2060/3062.
6	125KPM kit	Cleaner blade × 1 Waste toner bottle × 1 Upper cleaning roller (New) × 1 Lower cleaning roller × 1	125K	SD-365KA	5	
7	250KPM kit	Drum separation pawl × 2 Charging blade unit × 1 Toner reception seal × 1 Screen grid (New) × 1	250K	SD-365KB	5	
8	Staple cartridge	Cartridge × 5	5000	SD-LS20 (SD-SC20 × 5)	10	Use for SF-S55

(Asia, Middle & South America)

No.	Name	Content	Life	Product name	Package	Remark
1	Drum	OPC drum (New) × 1	250K	SD-365DR	6	Similar to the drum for SD-2060/3062.
2	Developer	Developer (New) (0.85Kg) × 10	250K (× 5)	SD-365CD (SD-365SD × 10)	1	Two packages are used. (SD-365SD) × 10 = SD=365CD
3	Toner	Toner cartridge (New) (0.93Kg) × 10	28K (× 10)	SD-365CT (SD-365ST × 10)	1	(SD-365SI) × 10 = SD-365CI
4	Upper heat roller kit	Upper heat roller (New) × 1 Fusing separation pawl (Upper) × 4 Fusing gear (New) × 1 Heat insulation bush (New) × 2	500K	SD-365UH	5	Similar to the upper heat roller kit for SD-2060/3062.
5	Lower heat roller kit	Lower heat roller × 1 Fusing separation pawl (Lower) × 4	250K	SD-360LH	5	Similar to the lower heat roller kit for SD-2060/3062.
6	125KPM kit	Cleaner blade × 1 Waste toner bottle × 1 Upper cleaning roller (New) × 1 Lower cleaning roller × 1	125K	SD-365KA	5	
7	250KPM kit	Drum separation pawl × 2 Charging blade unit × 1 Toner reception seal × 1 Screen grid (New) × 1	250K	SD-365KB	5	Similar to 250KPM kit for SD-2060/3062.
8	Staple cartridge	Cartridge × 5	5000	SD-LS20 (SD-SC20 × 5)	10	Use for SF-S55

(Australia, New Zealand, Middle East, Africa)

No.	Name	Content	Life	Product name	Package	Remark
1	Drum	OPC drum (New) × 1	250K	SD-365DM	6	Similar to the drum for SD-2060/3062.
2	Developer	Developer (New) (0.85Kg) × 10	250K (× 5)	SD-365LD (SD-365DV × 10)	1	Two packages are used. (SD-365DV) × 10 = SD=365LD
3	Toner	Toner cartridge (New) (0.93Kg) × 10	28K (× 10)	SD-365LT (SD-365T × 10)	1	(SD-365T) × 10 = SD-365LT
4	Upper heat roller kit	Upper heat roller (New) × 1 Fusing separation pawl (Upper) × 4 Fusing gear (New) × 1 Heat insulation bush (New) × 2	500K	SD-365UH	5	Similar to the upper heat roller kit for SD-2060/3062.
5	Lower heat roller kit	Lower heat roller × 1 Fusing separation pawl (Lower) × 4	250K	SD-360LH	5	Similar to the lower heat roller kit for SD-2060/3062.
6	125KPM kit	Cleaner blade × 1 Waste toner bottle × 1 Upper cleaning roller (New) × 1 Lower cleaning roller × 1	125K	SD-365KA	5	
7	250KPM kit	Drum separation pawl × 2 Charging blade unit × 1 Toner reception seal × 1 Screen grid (New) × 1	250K	SD-365KB	5	Similar to 250KPM kit for SD-2060/3062.
8	Staple cartridge	Cartridge × 5	5000	SD-LS20 (SD-SC20 × 5)	10	Use for SF-S55

Compatibility with SD-2260/3062/2060/2160

	Compatibility with SD-2260/3062/2060	Capacity	Remark
Photoconductor drum	New ∗		
Developer	New	0.85kg	Two packs are used for once.
Toner	New	930g	Two packs can be supplied for once.
Upper heat roller	New		
Lower heat roller	Available		
Cleaner blade	Available		
Upper/lower cleaning roller	New		Lower cleaning roller (compatible)
Drum separation pawl	Available		
Upper fusing separation pawl	Available		
Lower fusing separation pawl	Available		
Charging blade unit	Available		
Waste toner bottle	Available		

∗: One for SD-2260 (New) is applicable to SD-3062/2060/2160.
One for SD-3062/2060/2160 is not applicable to SD-2260.

2. Copy paper

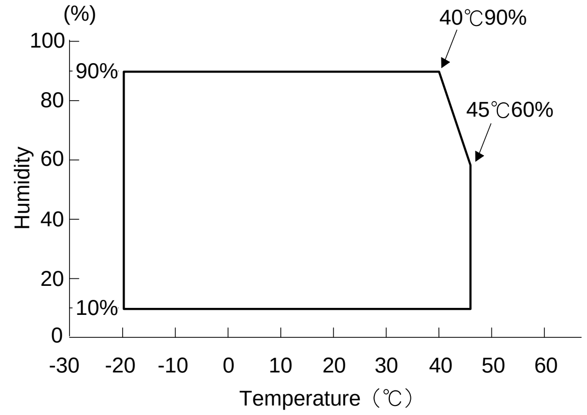
The following conditions for copy quality and transportability of PPC paper must be satisfied. The values are at temperature of 20 ±1˚C and 65 ±2% RH.

Item	Standard
Weight	56 ~ 80g/m^2
Smoothness	Face: 20 sec or above (BEKK method) Back: 20 sec or above (BEKK method)
Rigidness	Length 17cm or above, width 13cm or above (CLARK method)
Thickness	75 ~ 110µ
Dimensions	Standard dimensions ± 1mm (5/128") B4 (257 ±1 × 364±1mm) B5 (182 ±1 × 257±1mm) B6 (128 ±1 × 182±1mm) A3 (297 ±1 × 420±1mm) A4 (210 ±1 × 297±1mm) A5 (148 ±1 × 210±1mm) A6 (105 ±1 × 148±1mm) 11" ±5/128 × 17" ±5/128 inch 8.5" ±5/128 × 14" ±5/128 inch 8.5" ±5/128 × 11" ±5/128 inch 5.5" ±5/128 × 8.5" ±5/128 inch 8.5" ±5/128 × 13" ±5/128 inch

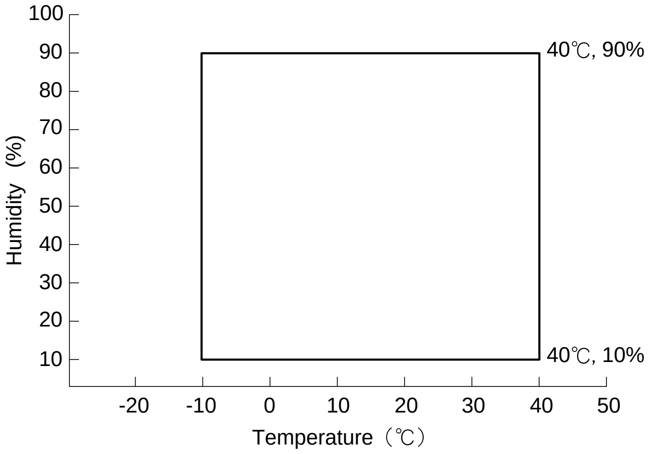
3. Environment conditions

A. Transport conditions

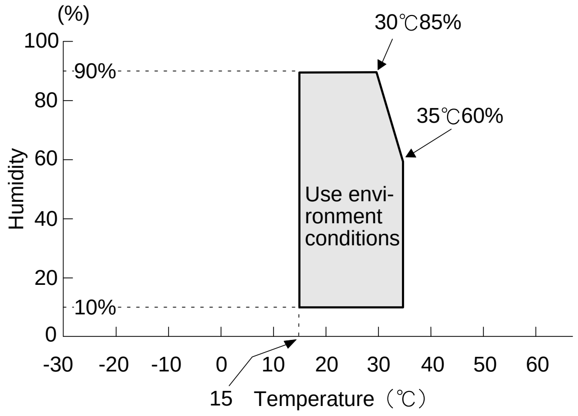
1) Transport condition



2) Storage condition (packed conditions)



B. Use conditions



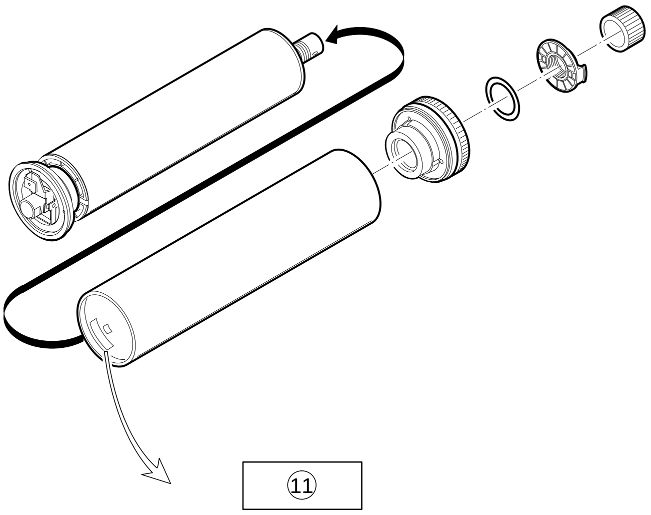
C. Life (packed conditions)

Photoconductor drum (36 months from the production month)

Developer, toner (24 months from the production month)

4. Production number identification

A. Photoconductor drum



⑪

①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

① Numeral

Shows the sensitivity of the photoconductor.

② ③ Alphabet

Shows the applicable model. AF for this model.

④ Numeral

Shows the end digit of the production year.

⑤ Numeral or X, Y, Z

Shows the production month.

X stands for October, Y November, and Z December.

⑥ Numeral

Shows the production lot.

⑦ Numeral

Shows the distinction of sub lot.

⑧ Numeral or X, Y, Z

Shows the packing month.

X stands for October, Y November, and Z December.

⑨ ⑩ Numeral

Shows the packing day.

⑪ Numeral or alphabet

Shows the product name of the drum.

B. Developer, toner

①	②	③	④	⑤	⑥	-	⑦

①, ② Alphabet

SF stands for toner, and SH for developer.

③ Numeral, alphabet

Shows the production month. O stands for October, Y November, and Z December.

④, ⑤ Numeral

Shows the production day.

⑥ Numeral

Shows the end digit of the production year.

⑦ Alphabet

Shows the production batch.

Though the shapes of the photoconductor drum, developer, toner, and the fusing section cleaning roller are similar to those of the SD-2060, they are not compatible with each other.

The differences are as follows:

1) Photoconductor drum

If installed erroneously, the error code F2 is displayed.

2) Toner

The port shape of the toner bottle differs to prevent against erroneous installation.

The characteristics of toner differ from each other. The proper toner must be used to obtain stable picture quality at proper density.

3) Developer

Proper developer must be used to obtain stable picture quality at proper density.

4) Fusing section cleaning roller

(Upper cleaning roller)

(Lower cleaning roller)

[4] SETUP

Setup list

No.	Item	No.	Content	Method	Check
1	Installation environment check	1	Delivery space		
		2	Installation space		
		3	Power (Capacity, fluctuation, safety)		
		4	Floor strength		
		5	Direct sunlight, dust, temperature, humidity, gases, chemicals		
2	Delivery	1	Facility, equipment, man power	Use a fork lift. (If a fork lift is not used, 6 men power is required.)	
		2	Delivery form	Transported in packed condition.	
3	Unpacking			Remove the protection material.	
4	Lock release	1	Scanner unit		
		2	No. 4/5 mirror unit		
		3	Lens unit		
		4	Paper feed tray (No. 1, 2, 3)		
		5	Paper feed cassette		
		6	Photoconductor drum protection sheet (excluding Europe countries)		
		7	Paper exit guide (Fusing unit)		
5	Parts setup	1	Cleaning roller (2 pcs.) (Fusing unit)		
		2	Fusing roller pressure set		
		3	Cleaning blade set		
6	Option setup	1	Sorter (SF-S55/53/16)		
		2	Staple cartridge		
		3	Auditor (SF-EA11)		
		4	Internal auditor expansion memory		
7	Consumable parts setup	1	Photoconductor drum (Europe only)		
		2	Developer set		
		3	Toner concentration control level setting	Set with SIM 25-2.	
		4	Toner set		
8	Cleaning	1	Main charger unit		
		2	Pre-transfer charger unit		
		3	Transfer/separation charger unit		
		4	Original table glass		
9	Operation setting	1	Separation charger voltage setting (According to the altitude)	Change connection of the high voltage PWB connector CN2.	
		2	No. 1 paper feed tray paper size setting (Hardware)	Refer to [6] 2-C.	
		3	No. 1 paper feed tray paper size setting (Software)	Set with SIM 26-2.	
		4	Option setting (Software)	Set with SIM 26-1.	
		5	Expansion memory initializing (only when an expansion memory is installed)	Set with SIM 26-3.	
		6	Auditor operation mode setting	Set with SIM 26-3.	
		7	Count mode setting	Set with SIM 26-5.	
		8	Destination specification setting	Set with SIM 26-6.	
		9	Maintenance cycle setting	Set with SIM 21-1.	
		10	Toner save mode YES/NO setting	Set with SIM 26-18.	
		11	Power shut off operation mode setting	Set with SIM 26-26.	
		12	Display language setting	Replace the data ROM on the operation control PWB.	
10	Image correction setting/check	1	Image correction valid setting	Set SIM 44-1 to (127).	
		2	Main charger correction reference density setting	Set SIM 44-4 to 75.	
11	Image density sensor, photoconductor drum mark sensor check (adjustment)	1	Photoconductor drum mark sensor sensitivity check (adjustment)	Check with SIM 44-2. (adjustment)	
		2	Image density sensor sensitivity check (adjustment)	Check with SIM 44-3. (adjustment)	

No.	Item	No.	Content	Method	Check
12	Image correction execution (Main charger grid voltage) (Optical dirt correction) (Auto copy exposure)			Power OFF → ON (Automatic adjustment during warming up.)	
13	Copy exposure check (adjustment)	1	Manual copy mode (non-toner-save mode)	Automatic adjustment	
		2	Photo copy mode (non-toner-save mode)	Set the key operator program 20 (copy density level) to 3.	
		3	Auto copy mode (non-toner-save mode)		
		4	Manual copy mode (toner save mode)		
		5	Auto copy mode (toner save mode)		
14	Focus (resolution), copy magnification ratio check (adjustment)	1	Focus (resolution) (Normal, 50%, 200%)	Adjust with SIM 48-1 (A/B/C).	
		2	Vertical copy magnification ratio (normal, 50%, 200%)	Adjust with SIM 48-1 (D/E/F).	
		3	Horizontal copy magnification ratio (normal)	Adjust with SIM 48-1.	
15	Functional operation check	1	Paper size detection (manual paper feed tray)		
		2	Paper size detection (No. 2/3 paper feed tray)		
		3	Paper size detection (original table) (Japan only)		
		4	Original size detection (RADF original feed tray)		
		5	(Manual paper feed tray, No. 1, 2, 3 paper feed tray cassette) copying		
		6	RADF copying (S-S mode)		
		7	RADF copying (S-D mode)		
		8	RADF copying (D-D mode)		
		9	RADF copying (D-S mode)		
		10	Zoom copying (enlargement, reduction)		
		11	Sort mode copy (with SF-S16/53/55 installed)		
		12	Group mode copying (with SF-S16/53/55 installed)		
		13	Sort staple mode copying (with SF-S16/53/55 installed)		
16	Copy image center shift check (adjustment)	1	Original table copy mode (surface) (Manual paper feed tray, No. 1, 2, 3 paper feed tray, paper feed cassette)	Adjust by changing positions of the paper feed tray, paper feed cassette, and manual paper feed tray.	
		2	Original table copy mode (back) (No. 1, 2, 3 paper feed tray, paper feed cassette)	Adjust by changing the duplex tray position.	
		3	RADF copy mode	Adjust by changing the RADF paper feed tray position.	
17	Image loss, void area check (adjustment)	1	Original table copy mode (lead edge image loss, void area) (rear edge void area)	Adjust with SIM 50-1.	
		2	RADF copying (S-S mode) (Lead edge image loss, void area)	In the RADF copy mode, the adjustment value of SIM 53-1 must be also checked.	
		3	RADF copying (D-D mode) (Lead edge image loss, void area, rear edge void area)		
		4	RADF thin film copy mode (Lead edge image loss, void area, rear edge void area)		
		5	RADF step copy mode (Lead edge image loss, void area, rear edge void area)		
18	Adjustment, set value, ROM version recording	1	Simulation set value, adjustment value	Use the commander SF-EA13 with SIM 28-4 to print out the list. (The set values and adjustment values are checked in each simulation mode.)	
		2	Key operator program set value	Use the commander SF-EA13 with SIM 28-3 to print out the list.	
		3	ROM version	Use the commander SF-EA13 with SIM 28-5 to print out the list.	
				(Checking is possible with SIM 22-5.)	
19	Explanation on user operations				
20	Others	1	Fixing support setting		

1. Installation (use) environment checking

Before delivery and installation of the machine, check the following conditions of the environment.

If the following conditions of installation (use) are not satisfied, the machine may not display full performances and may cause dangerous troubles.

Be sure to satisfy the installation (use) conditions in advance to installation and use.

No.	Content
1	Delivery space
2	Installation space
3	Power (capacity, fluctuation, safety)
4	Floor strength
5	Direct sunlight, dust, temperature, humidity, gases, chemicals

(1) Delivery space

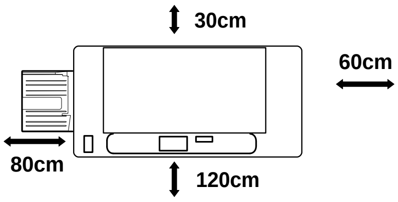
Check the door sizes to allow delivery of the machine in advance.

(2) Installation space

Allow the following installation space around the machine for proper operations and performances.

The space for options must be also considered.

Especially allow enough space at the back of the machine. If the back space is insufficient, heat radiation and the dust proof function are prevented, suppressing the machine performances and causing troubles.



(3) Power source (capacity, voltage, frequency, safety, plug)

If the power source requirements are not satisfied, the machine cannot display full performances, and may cause dangerous troubles.

BE sure to follow the following instructions:

1) Power source capacity

   Check that the power capacity is enough as specified below. If it is insufficient, it must be corrected.

Current capacity (Japan 15A specification)	15 A or above
Japan 20A specification machine:	20 A or above
EX 100V series:	16 A or above
EX 200V series:	9 A or above

2) Power voltage

   Measure the power voltage during copying to check that it is within the range of the rated voltage ±10%.

   If the voltage is not within the above range, use wider wires to reduce impedance. (An electrical work is required.)

   There is a method to use a step-up transformer. In this case, use the transformer of greater capacity than the machine's max. power consumption.

3) Power frequency, waveform

   The frequency must be the specified level ±2%. If the frequency is distorted, a trouble may be caused.

4) Safety

   Be sure to ground the machine.

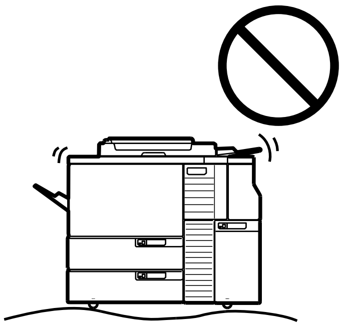
5) Power plug

   Check the shape of the power plug, Do not use a plug of different shape.

(4) Floor strength and level

The machine is heavy, and options add further weight. Be sure to check the floor strength for safety.

If the machine is not leveled properly, the toner concentration control is not performed properly, affecting copy quality adversely.

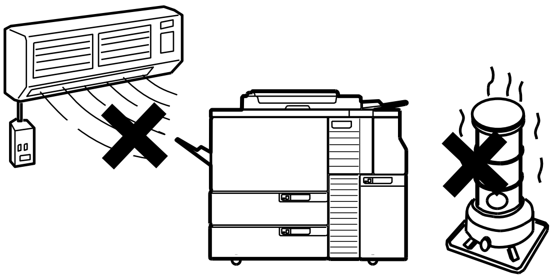


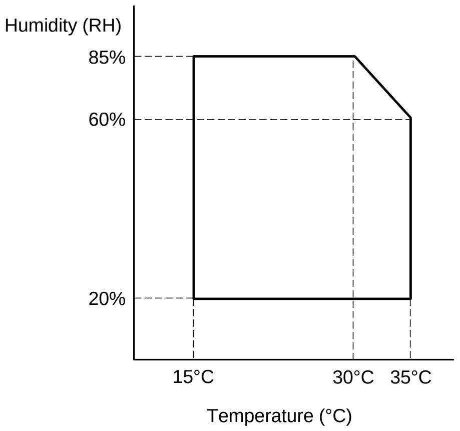
(5) Direct sunlight, dust, temperature, humidity, gases, chemicals, vibrations

1) Temperature, humidity

   The storage and operation of this copier is assured under the following conditions. If the following conditions are exceeded, the copier may not display full performances, causing troubles.

   Especially when the humidity is too high, paper absorbs moisture to cause paper jams and dirty copy.

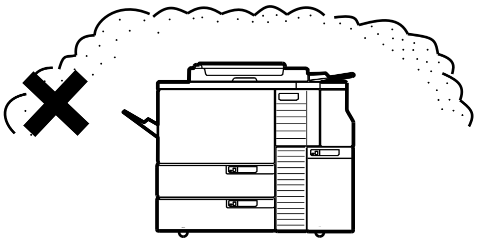




Do not install the copier near a heater, a cooler, or a humidifier. If installed, the copier may form dew and cause troubles. Be careful of ventilation, too.

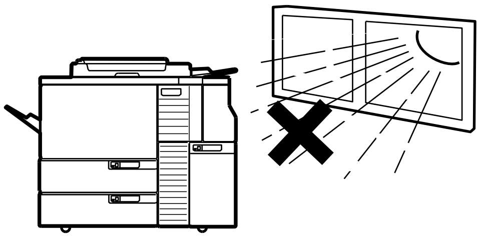
2) Dust

If dust enters the copier, it may cause dirty copy, paper jams, and short lifetime.



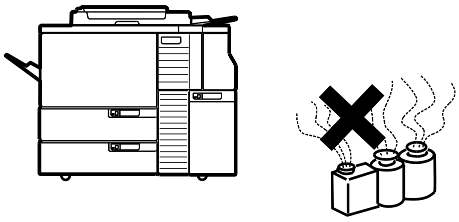
3) Direct sunlight

If the copier is exposed to direct sunlight, the external section may be discolored, causing poor copy quality.



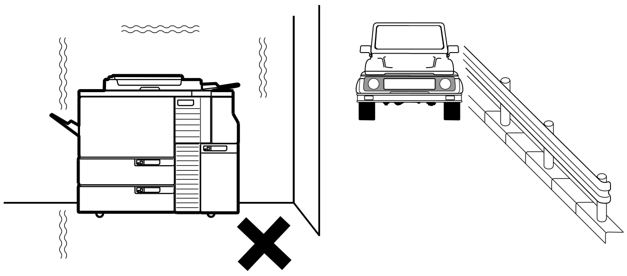
4) Gases and chemicals

Do not install the copier near gases and chemicals. Especially be careful of a diazo-type copier, which may produce ammonium gas. The copy quality may be adversely affected, causing troubles.



5) Vibrations

Do not install machines which produce vibrations around the copier. If vibrations are applied to the copier, copies may be blurred and troubles may be caused.



2. Transport and installation

No.	Content	Method
1	Facility, equipment, man power	Use a fork lift. (If a fork lift is not used, 6 men power is required.)
2	Delivery form	Transported in packed conditions.

(1) Equipment, facility, man power

It is advisable to use a fork lift for efficiency and safety. If a fork lift is not available, six men are required to move the machine. The copier is very heavy. Consider for safety in delivery and installation work.

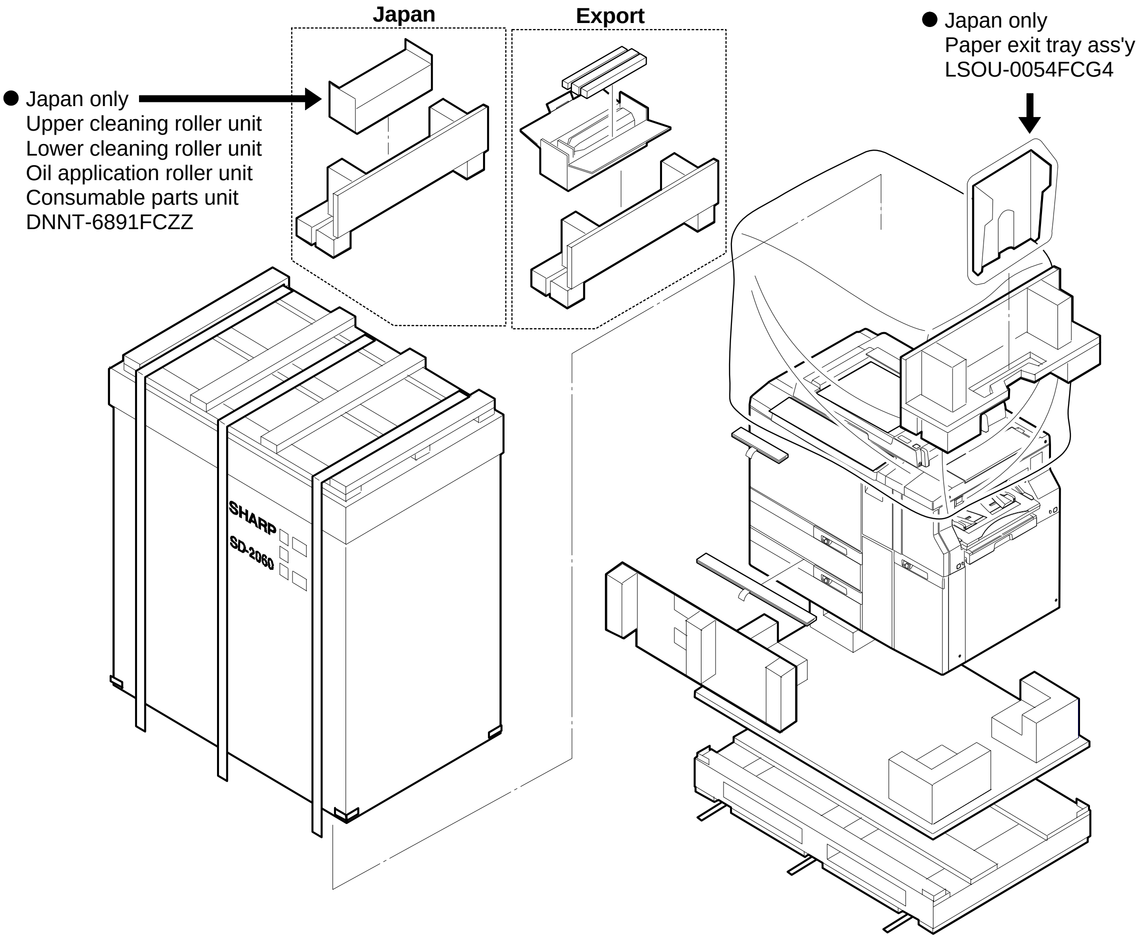
Transport of the copier must be made in the packed conditions to the installing place (building).

(2) Delivery form

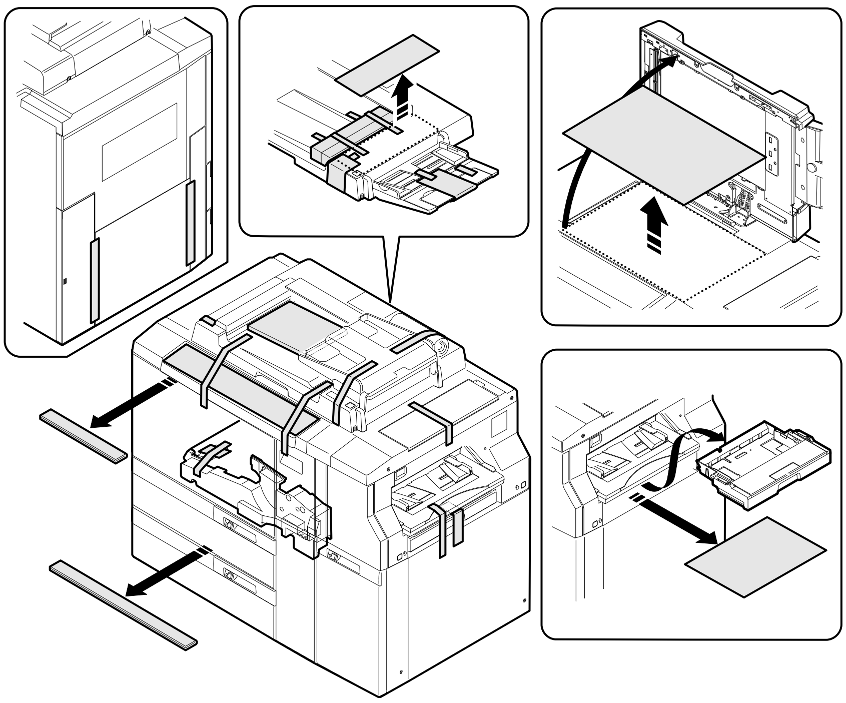
Remove the copier from the packing case outside the installing building, then carry it inside the building.

3. Unpacking

1) Remove the copier from the packing case as shown below:


Japan
Export
● Japan only
Upper cleaning roller unit
Lower cleaning roller unit
Oil application roller unit
Consumable parts unit
DNNT-6891FCZZ
● Japan only
Paper exit tray ass'y
LSOU-0054FCG4
SHARP
SD-2060

2) Remove the fixing tapes and protection materials.

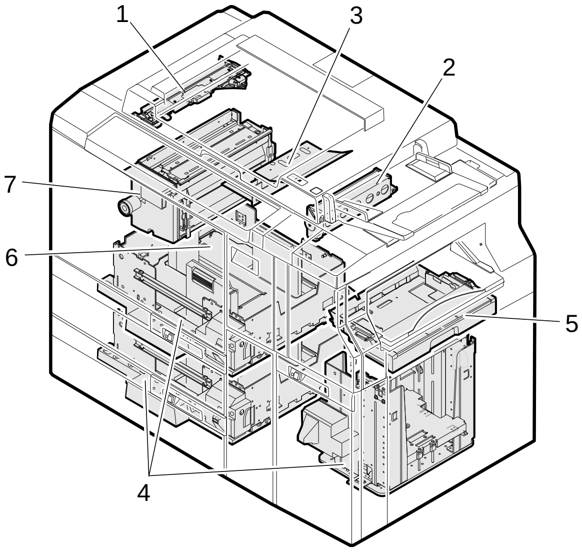


4. Lock release

To prevent against dropping or damage of parts during transit, some parts are locked.

Before use, those parts must be released.

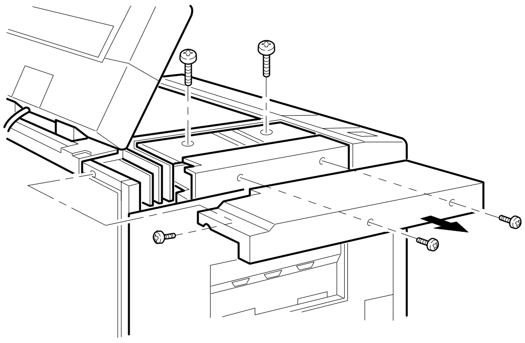
Be sure to lock them again when transporting or moving the copier.



No.	Content
1	Scanner unit
2	No. 4/5 mirror unit
3	Lens unit
4	Paper feed tray (No. 1, 2, 3)
5	Paper feed cassette
6	Photoconductor drum protection sheet (Except for Europe)
7	Paper exit guide (Fusing unit)

(1) Scanner unit lock release

Remove the cabinet, and remove the lock screw of the scanner unit.

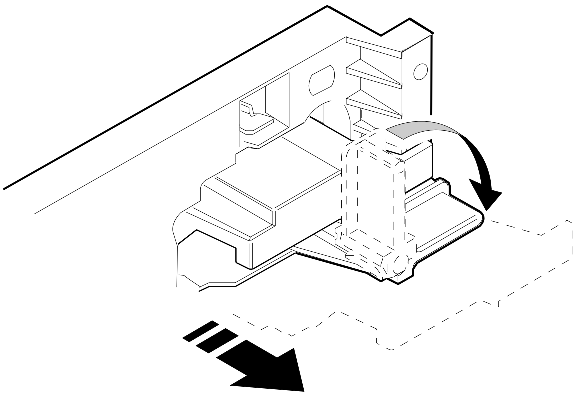


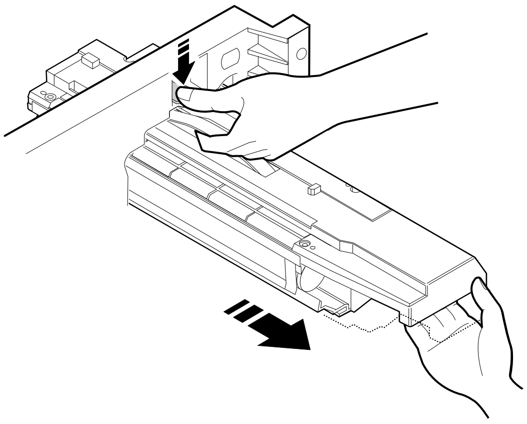
(Locking method)

1) Manually move the scanner unit to the lock position and lock it with the lock screw.

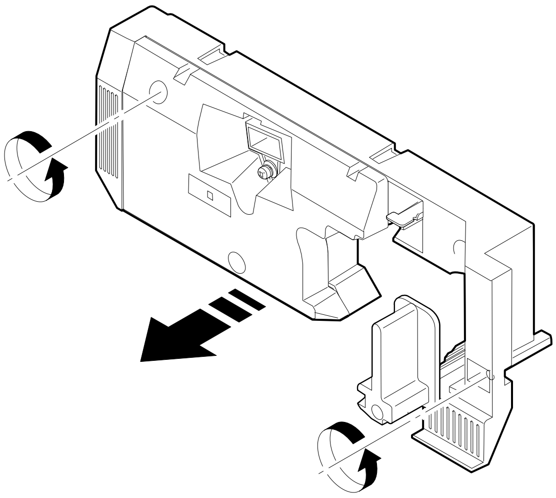
(2) No. 4/5 mirror unit lock release

1) Open the front cabinet and pull out the developing unit.

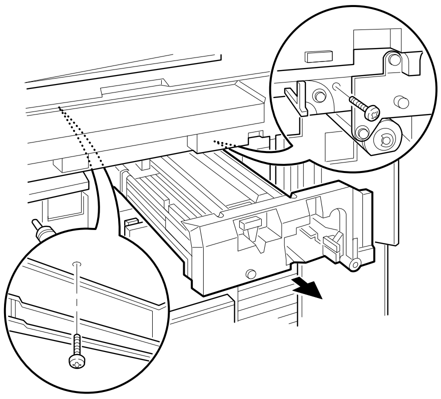




2) Pull out the process unit.



3) Remove the lock screw of No. 4/5 mirror unit.

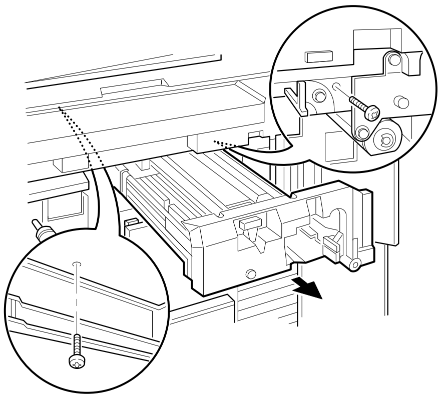


(Locking method)

1) With the power ON, set the magnification ratio to normal. (The No. 4/5 mirror unit is fixed to the normal position.)
2) Turn off the power, and lock with the lock screw.

(3) Lens unit lock release

Remove the lock screw of the lens unit.

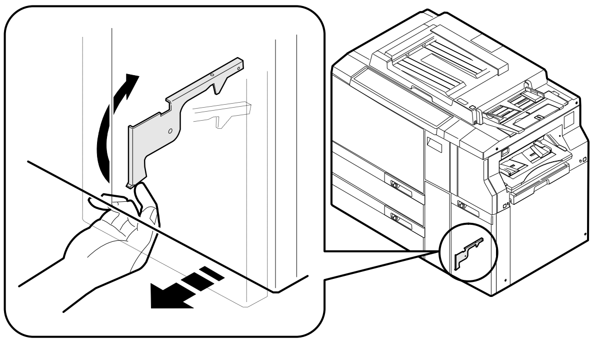


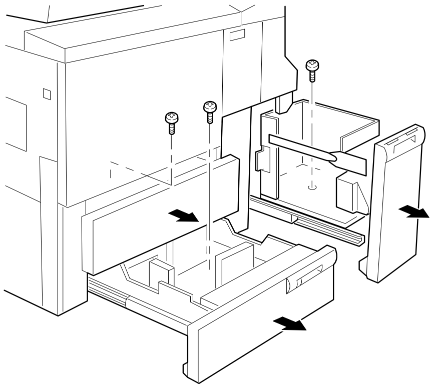
(Locking method)

1) With the power ON, set the magnification ratio to normal. (The lens unit is fixed to the normal position.)
2) Turn off the power, and lock with the lock screw.

(4) Paper feed tray lock release

Manually pull out No. 1, 2, and 3 paper feed trays, and remove the lock screws.



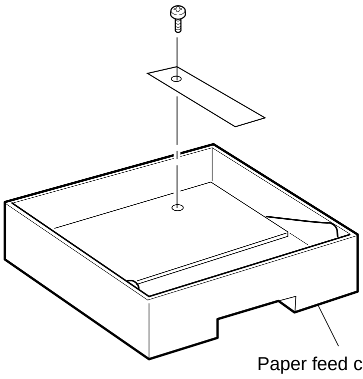


(Locking method)

1) Remove paper on the paper feed tray.
2) Turn on the power and wait until the paper feed tray falls to the lowest position. (When the paper feed tray falls to the lowest position, it stops.)
3) Turn off the power, pull out the paper feed tray, and lock it with the lock screw.

(5) Paper feed cassette lock release

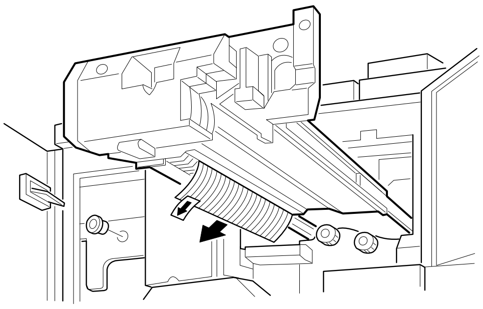
Remove the paper feed cassette lock screw.



(6) Photoconductor drum protection sheet (Except for Europe)

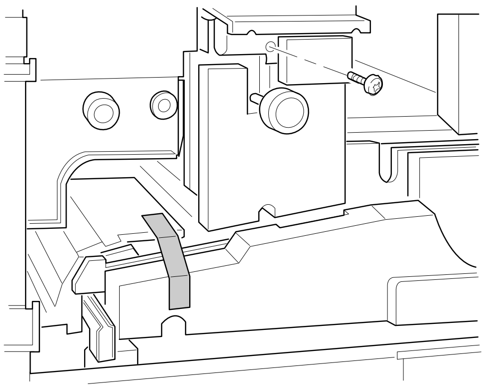
Remove the photoconductor drum protection sheet.

(Note) Do not remove white powder (starting powder) on the photoconductor drum, which is to reduce friction between the cleaning blade and the photoconductor drum.
If this powder is removed, friction between the cleaning blade and the photoconductor drum is increased to reverse the cleaning blade, damaging the photoconductor drum.

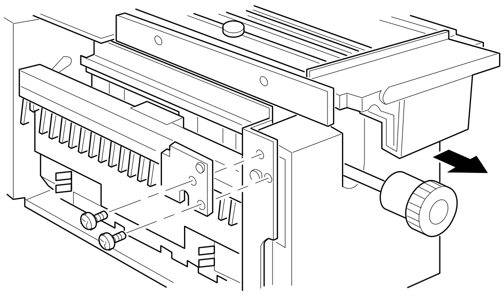


(7) Paper exit guide lock release (Fusing unit)

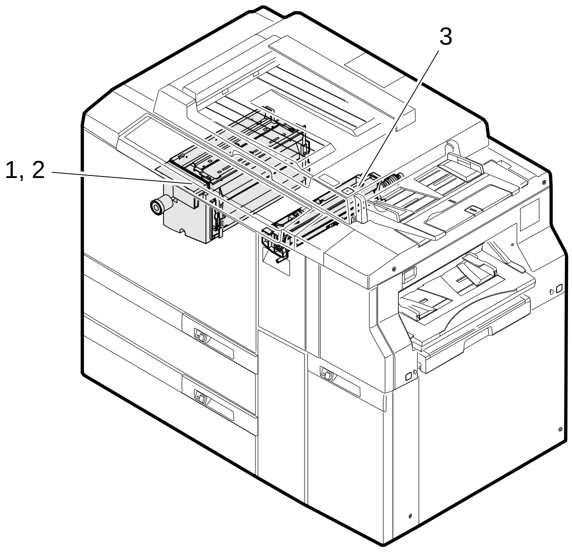
1) Pull out the fusing unit.



2) Remove the paper exit guide lock plate.



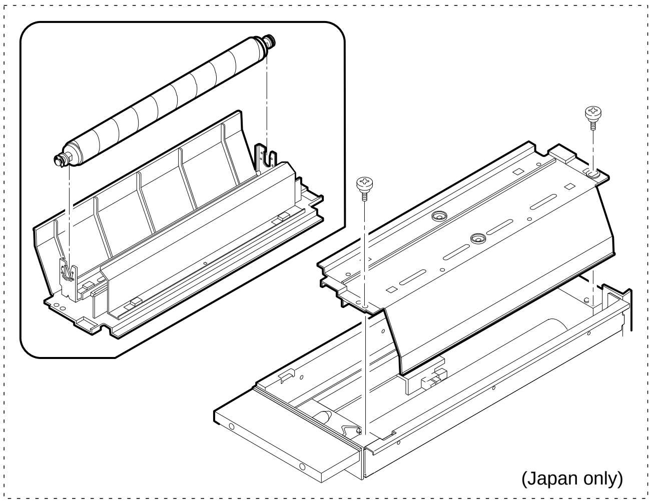
5. Parts setup



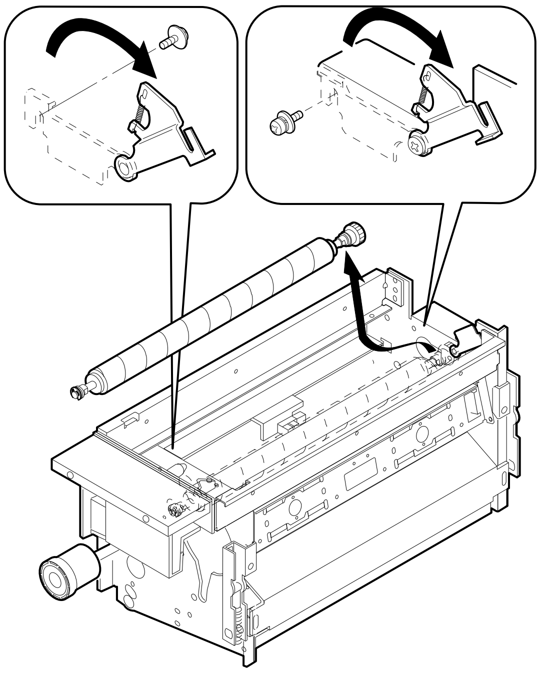
No.	Content
1	Cleaning roller (2 pcs.) (Fusing unit)
2	Fusing roller pressure setup
3	Cleaning blade setup

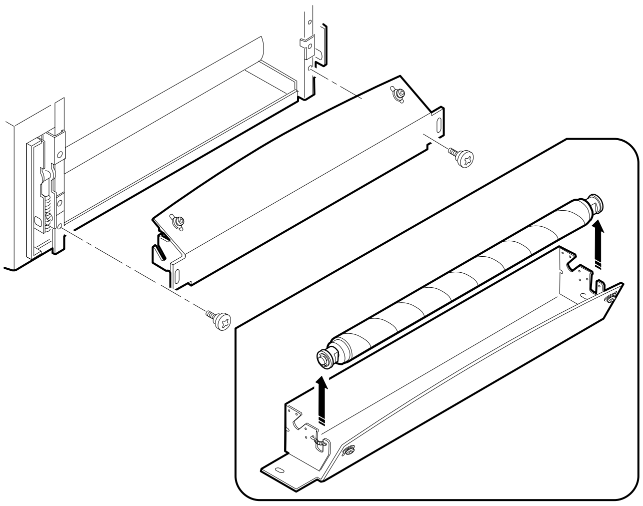
(1) Cleaning roller setup

1) Pull out the fusing unit.
2) Install two cleaning rollers for the upper fusing roller and install one cleaning roller for the lower fusing roller.

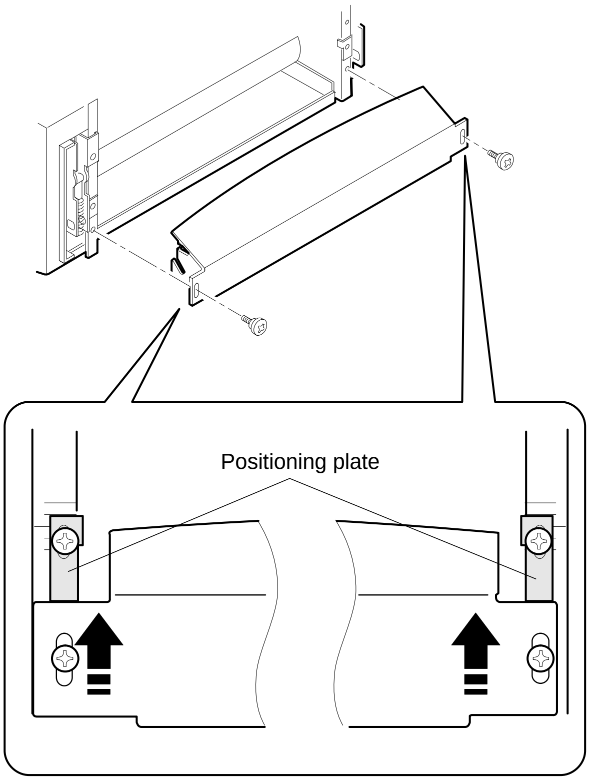


When installing, check that the tension spring applies tension to the bearing of the cleaning roller.



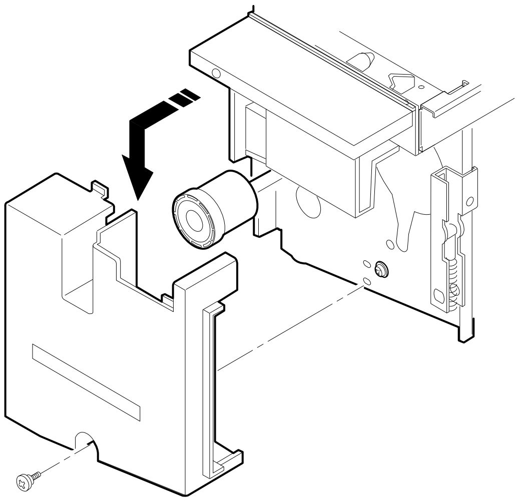


(Note) For installation of the fusing guide, put it in close contact with the fusing guide positioning plate and secure it.

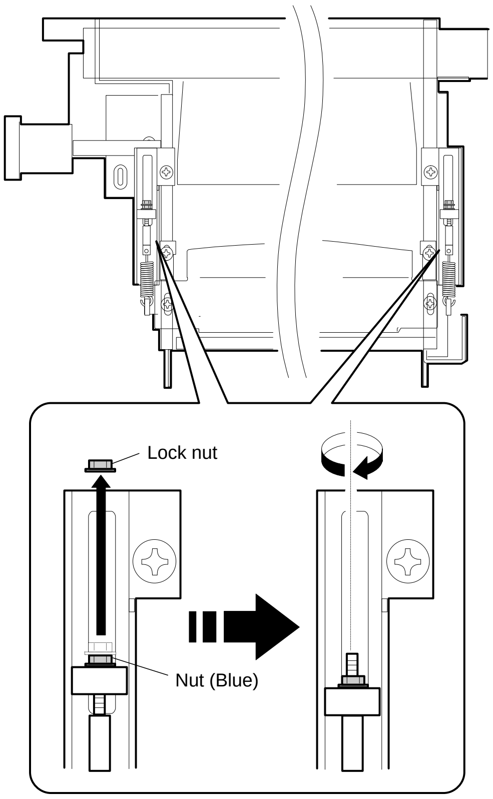


(2) Fusing roller pressure setup

1) Remove the fusing cover, and put down the pressure lever.



2) Remove the lock nut, and turn and fix the pressure adjustment nut (blue) tightly.
(Tighten the nut until the collar clearance is eliminated.)

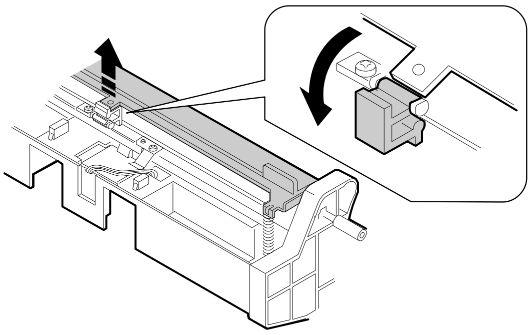


3) Install the lock nut.

4) Set the pressure lever and fix it.

(3) Cleaning blade setup

1) Pull out the process unit and set the cleaning blade.
   (Release the release block, and press the cleaning blade onto the photoconductor drum surface.)



(Note) When the copier is not used for a long time, release the cleaning blade pressure.

6. Option installation

When an option is installed, option setting (registration) must be performed with SIM 26-1 and 26-3.

Also when an option is removed, option setting (registration) must be canceled with SIM 26-1 and 26-3.

```
SIMULATION NO.26-1
SORTER/STAPLE SORTER SETTING?

  0.NO SORTER
  1.SF-S55
  2.SF-S53/S16
  3.SF-S55(DISABLE AUTO FRONT ACCESS
    WHEN FEEDING FROM BYPASS-TRAY.)
```

Set value	Content
0	Without sorter
1	With SF-S55 installed
2	With SF-S53 or SF-S16 installed
3	With SF-S55 installed (to inhibit automatic front take-up of paper in manual paper feed [useful to load thin films on the manual feed tray])

Code	Name	Content
1	P10 (500)	Internal auditor mode (500 dept.)
2	P10 (3100)	Internal auditor mode (500 dept.) + expansion RAM mode (2600 dept.)
3	SF-EA11/12	Card counter mode (SF-EA11)
4	OTHER	Others

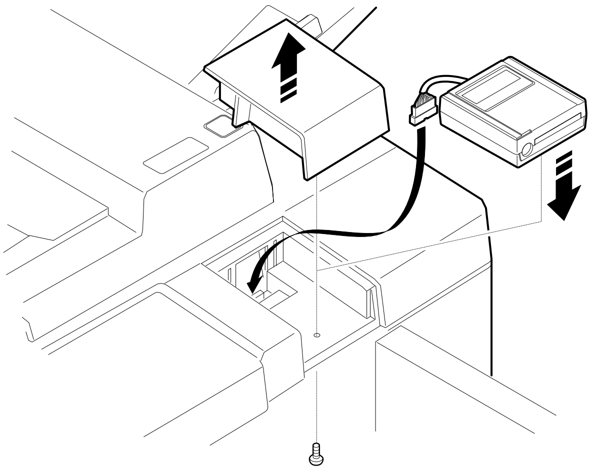
(1) Sorter (SF-S55/53/16) installation

(2) Staple cartridge setup

For setup of a staple cartridge, refer to the Service Manual of each model.

(3) Auditor (SF-EA11) installation

1) Remove the auditor installing section cover, and fix the auditor (SF-EA11) with the screw.



When using the auditor (SF-EA11), SIM 26-3 must be set for use of the auditor (SF-EA11).

The external auditor (SF-EA11) and the internal auditor (in the main control PWB) cannot be used together. Either of them must be selected with SIM 26-3.

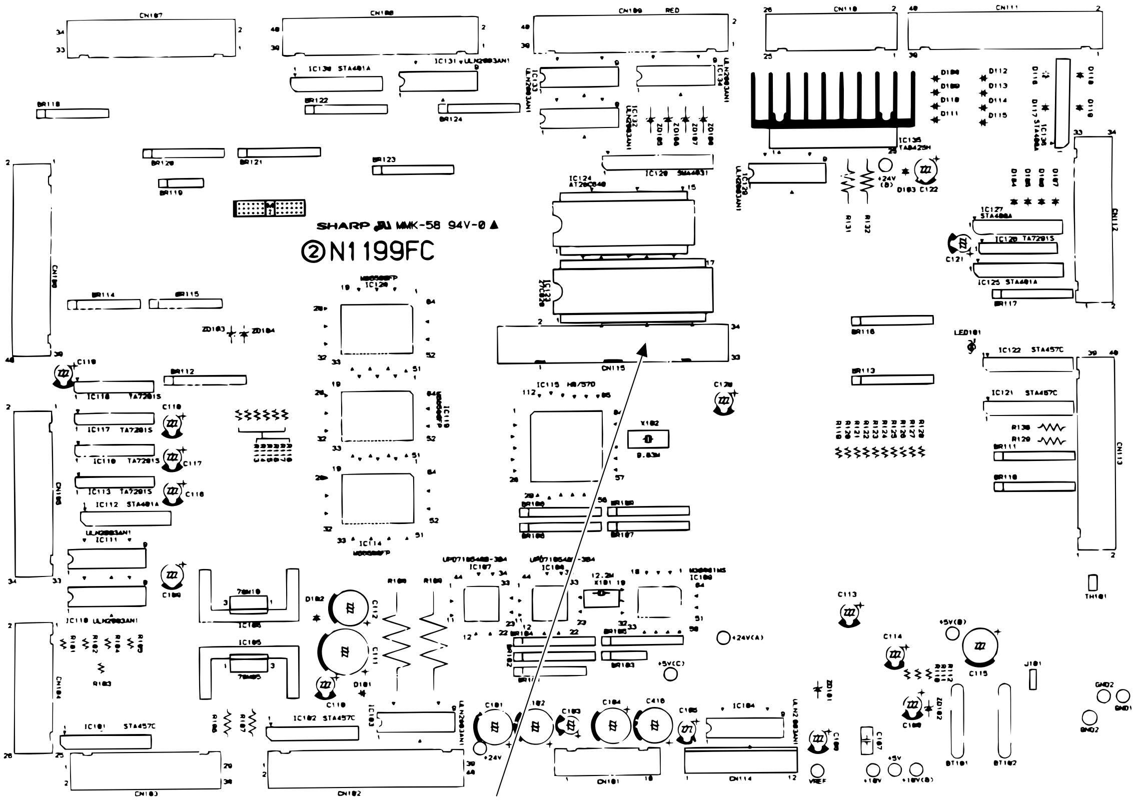
(4) Expansion memory for the internal auditor

The internal auditor (in the main control PWB) has the capacity of controlling 500 departments. By adding expansion memory on the main control PWB, additional 2,600 departments can be controlled, in total 3,100 departments.

(Note) When an expansion memory is installed, it must be initialized with SIM 26-3.

Expansion memory (with frame)	PARTS CODE	DKiT−0321FCZZ

1) Install an expansion memory on the main control PWB.



Install the expansion memory to connector CN115.

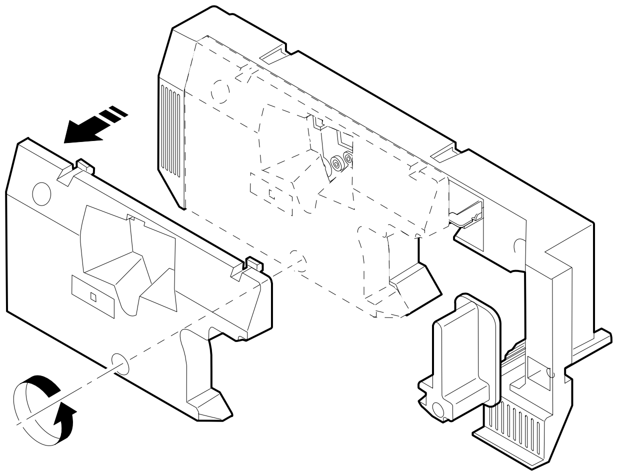
7. Consumable parts setup (When replacing the consumable parts, follow these procedures.)

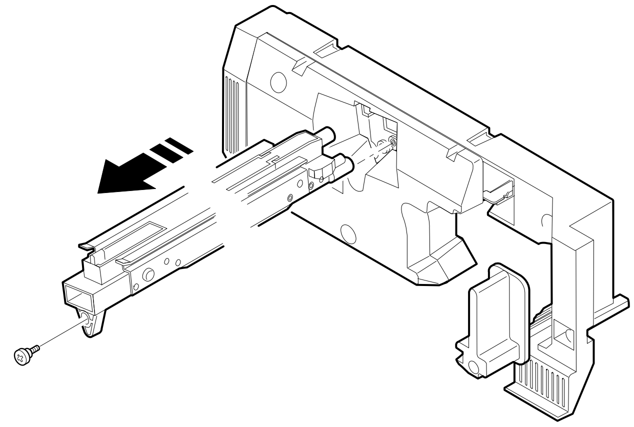
No.	Content	Method
1	Photoconductor drum (Europe only)	
2	Developer setup	
3	Toner concentration control level setting	Set with SIM 25-2.
4	Toner setup	

(1) Photoconductor drum setup (Europe only)

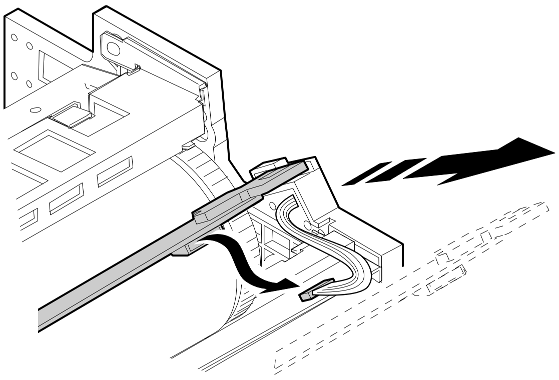
Since, in Europe, the photoconductor is not installed to the copier body, this procedure must be performed.

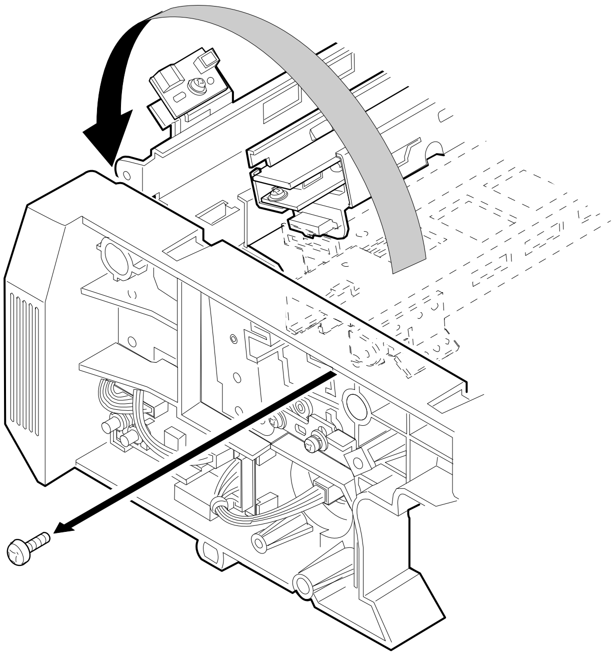
1) Pull out the process unit, and remove the main charger unit and the process unit cover.

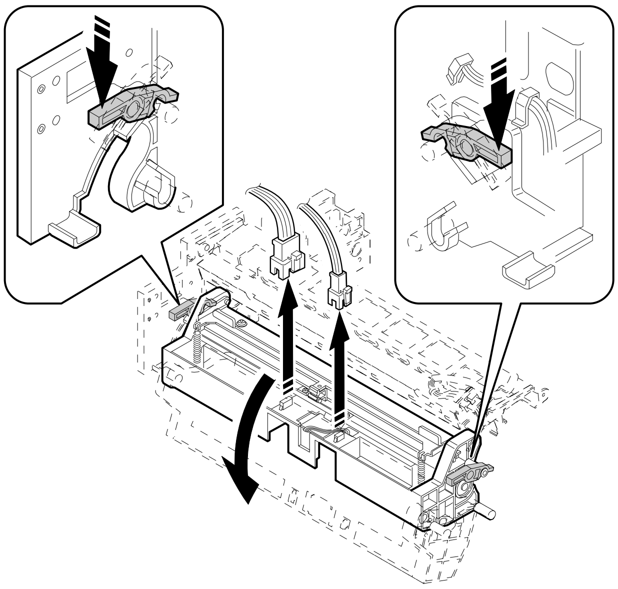




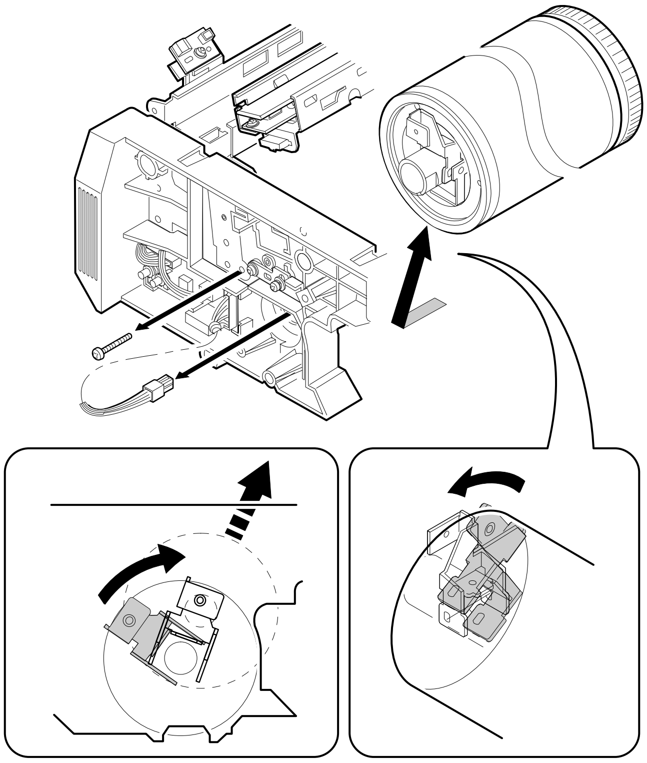
2) Remove the blank lamp unit and the cleaner unit, and open the main charger holder.



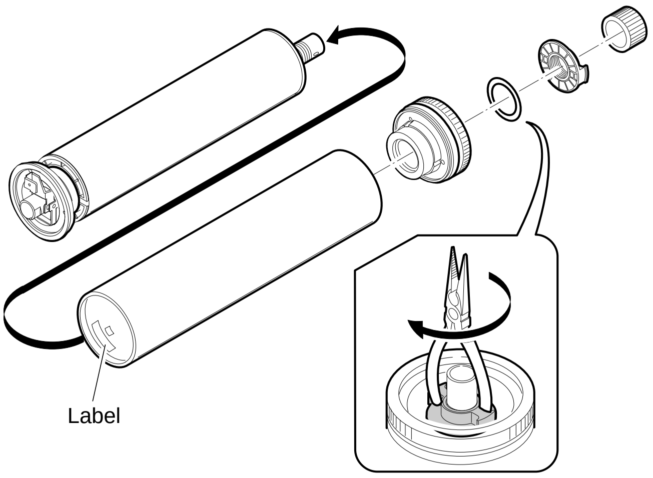




3) Remove the photoconductor drum shaft and the flange unit.



4) Record the serial No. inside the photoconductor drum.

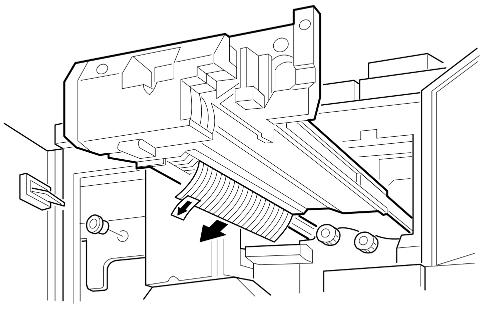


5) Install the photoconductor drum to the flange unit. (Do not remove the protection sheet.)

6) Install the photoconductor drum to the process unit.

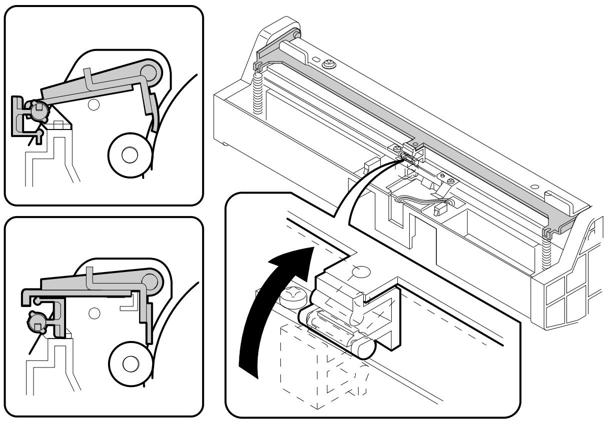
7) Replace the parts to the process unit.

8) Remove the photoconductor drum protection sheet.



(Note) Do not remove white powder (starting powder) on the photoconductor drum, which is to reduce friction between the cleaning blade and the photoconductor drum.
If this powder is removed, friction between the cleaning blade and the photoconductor drum is increased to reverse the cleaning blade, damaging the photoconductor drum.

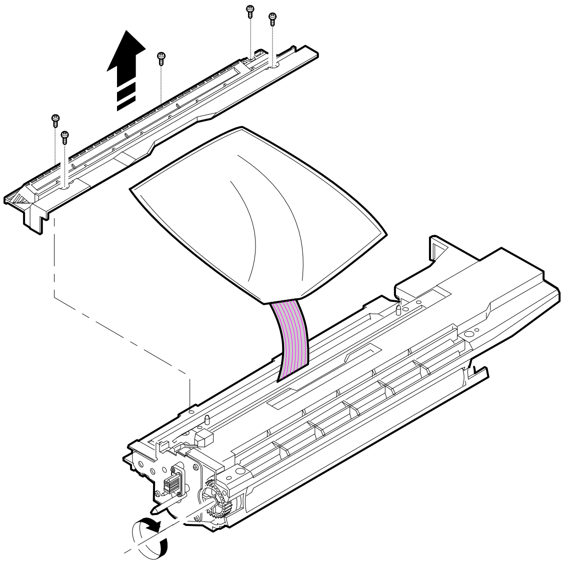
9) Set the cleaning blade.
(Release the release block, and press the cleaning blade onto the photoconductor drum surface.)



(Note) When the copier is not used for a long time, release the cleaning blade pressure.

(2) Developer setup

1) Remove the developing unit cover, and pour developer into the developing unit.
Manually turn the developing roller drive gear, and supply two packs of developer (1kg × 2).



(Note) Developer for the SD-2060 cannot be used for the SD-2260.

(3) Toner concentration control level setting

Virgin developer has been adjusted to the specified toner concentration. This density is detected by the sensor and stored. After that, the toner concentration level is used as the reference level, and developer is controlled to provide the level same as the virgin developer.

The above operation is performed with SIM 25-2.

When developer is replaced, this procedure must be performed.

1) With the front cabinet open (with the front cabinet open/close detection switch OFF), turn on the power to enter the SIM 25-2 mode.

SIMULATION NO. 25
INPUT 1 ~ 2

1. Toner concentration SENSOR MONITOR
2. AUTO DV DENSITY

(Note) Do not turn on the power with the front cabinet closed (with the front cabinet open/close detection switch ON). Toner would be supplied to the developing unit and the toner concentration of the virgin developer may not be the reference level.

2) Close the front cabinet. (The front cabinet open/close detection switch is turned ON.)

3) Press the START button.

Developer is stirred for 3 minutes, and the reference toner concentration level is memorized.

Be sure not to cancel SIM 25-2 until stirring of developer is completed in 3 minutes.

If EU trouble or EL trouble occurs midway, check for abnormality in the developing unit.

(Note) In case of memory trouble, if the main control PWB is replaced, the stored reference toner concentration level is cleared.
For countermeasures against this, there are two ways as shown below. Use one of them according to the situation.

∗ When the toner concentration level is normal (presumption):

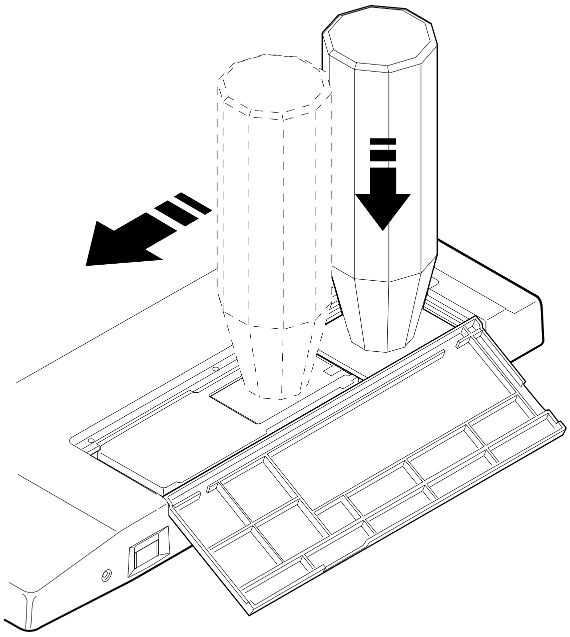
(Countermeasure) Execute SIM 25-2 to set the reference toner concentration again.

∗ When the toner concentration is not normal:
Replace the developer with new one, and execute SIM25-2 to set the reference toner concentration level.

(4) Toner setup

Fit the toner bottle to the toner supply port, and slide it.

Confirm that all toner falls, and remove the toner bottle from the toner supply port.



(Note) Do not supply two or more bottles at one time. If two or more toner is supplied at one time, toner jam may occur in the toner hopper. Supply toner only when "SUPPLY TONER" display is made on the LCD.

8. Cleaning

Clean the following units.

For copiers which have been stored for a long time, some sections other than the following units may be dirtied. Clean them according to necessity.

No.	Content
1	Main charger unit
2	Pre-transfer charger unit
3	Transfer/separation charger unit
4	Original table glass
	Others (cabinet, etc.)

1) Main charger unit (screen grid, saw teeth section)
2) Pre-transfer charger unit (charger wire)
3) Transfer/separation charger unit (charger wire)
4) Original table glass
5) Others (cabinet, etc.)

9. Operational specification setup

The operational specifications of the copier must be set according to the user's necessity.

For setting with software, refer to the sections shown in the table below.

No.	Content	Method
1	Separation charger voltage setting (according to the altitude)	Check the high voltage PWB connector CN2 connection.
2	No. 1 paper feed tray paper size setting (hardware)	Refer to [6]-2-C.
3	No. 1 paper feed tray paper size setting (software)	Set with SIM 26-2.
4	Option setting (Software)	Set with SIM 26-1.
5	Expansion memory initializing (only when an expansion memory is installed)	Set with SIM 26-3.
6	Auditor operation mode setting	Set with SIM 26-3.
7	Count mode setting	Set with SIM 26-5.
8	Destination specification setting	Set with SIM 26-6.
9	Maintenance cycle setting	Set with SIM 21-1.
10	Toner save mode YES/NO setting	Set with SIM 26-18.
11	Power shut off operation mode setting	Set with SIM 26-26.
12	Display language setting	Replace the data ROM on the operation control PWB.

10. Image correction function setup and check

Image correction function is set up when shipping. Check it before use.

For correct performance of image correction (main charger, copy lamp, copy density control correction), the operational setting of image correction must be made.

The operational setting of image correction is made with simulations.

For the setting procedure, refer to the sections listed in the table below.

No.	Content	Method
1	Image correction function setting	Set SIM 44-1 to 127.
2	Main charger correction reference density setting	Set SIM 44-4 to 75.

11. Image density sensor, photoconductor drum mark sensor operation check

These sensors are to control image correction, and must be adjusted to the proper sensitivity.

They are adjusted when shipping. Check it before use.

No.	Content	Method
1	Photoconductor drum mark sensor sensitivity check (adjustment)	Check with SIM 44-2. (adjustment)
2	Image density sensor sensitivity check (adjustment)	Check with SIM 44-3. (adjustment)

12. Image correction execution

When the power is supplied, warming up is started. During warm up, the following corrections are performed to adjust the copy density automatically.

1) Main charger grid voltage correction
2) Optical dirt correction (copy lamp voltage)
3) Auto copy density adjustment (copy lamp voltage)

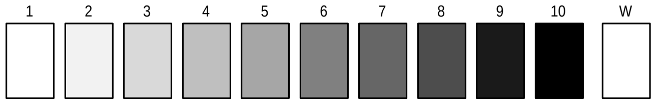
13. Copy density check

Make a copy in each copy mode, and check that the copy density is within the level in the table below.

Before checking the copy density, be sure to check that the key operator program 20 copy density level is set to 3.

Selection between the toner save mode and the non-toner-save mode is made with the key operator program 22.

(Test chart compatibility table)



UKOG-0162FCZZ Density No.	1	2	3	4	5	6	7	8	9	10	W
UKOG-0089CSZZ Density No.	0.1		0.2		0.3				0.5	1.9	0
KODAK gray scale		1		2		3		4		19	A

Copy density adjustment reference

Copy mode				Density level		UKOG-0162FCZZ gray scale		
				Operation panel density setting	Key operator P20 setting	Copied	Slightly copied	Not copied
(1)	Non-toner save mode	a	Manual copy mode copy density adjustment	1	3	7	6	5
				5	3	1		W
		b	Photo copy mode copy density adjustment	1	3	7	6	5
				5	3	1		W
		c	Auto copy mode copy density adjustment		3	4	3	2
(2)	Toner save mode (Set by key operator program P20)	a	Manual copy mode copy density adjustment	1	3	7	6	5
				5	3	1		W
		c	Auto copy mode copy density adjustment		3	4	3	2

14. Focus (resolution), copy magnification ratio check (adjustment)

Make a copy in each copy mode, and check that the focus (resolution) and the copy magnification ratio are in the range shown in table below.

For the adjustment and checking procedures, refer to the sections shown in the table.

Copy magnification ratio	Copy center	Corners
100%	5.0 lines/mm	4.5 lines/mm
101 ~ 200%	5.0 lines/mm	4.5 lines/mm
90 ~ 99%	4.5 lines/mm	4.0 lines/mm
64 ~ 89%	3.6 lines/mm	3.2 lines/mm
50 ~ 63%	3.2 lines/mm	2.8 lines/mm

No.	Content	Method
1	Focus (resolution) (Normal, 50%, 200%)	Adjust with SIM 48-1 (A/B/C).
2	Vertical copy magnification ration (normal, 50%, 200%)	Adjust with SIM 48-1 (D/E/F).
3	Horizontal copy magnification ration (normal)	Adjust with SIM 48-1.

15. Operation check

Make a copy in each copy mode listed below, and check that the operation is normal.

No.	Content
1	Paper size detection (manual paper feed tray)
2	Paper size detection (No. 2, 3 paper feed tray)
3	Original size detection (Original table)
4	Original size detection (RADF original feed tray)
5	(Manual paper feed tray, No. 1, 2, 3 paper feed tray, cassette) copying
6	RADF copying (S-S mode)
7	RADF copying (S-D mode)
8	RADF copying (D-D mode)
9	RADF copying (D-S mode)
10	Zoom copying (enlargement, reduction)
11	Sort mode copying (with SF-S16/53/55 installed)
12	Group mode copying (with SF-S16/53/55 installed)
13	Sort staple mode copy (with SF-S16/53/55 installed)

16. Copy image center shift check

Make a copy in each copy mode listed below, and check that the copy image center shift is within the allowable range.

For the adjustment and checking procedures, refer to the sections shown in the table.

Original table mode	Single		±2.0 mm
	Duplex		±2.0 mm
Overall (RADF) mode	Single	S → S	±3.0 mm
		D → S	±4.0 mm
	Duplex	S → D	±3.0 mm
		D → D	±4.0 mm

No.	Content	Method
1	Original table copy mode (front) (Manual paper feed tray, No. 1, 2, 3 paper feed tray, paper feed cassette)	Adjust by changing the positions of the paper feed tray, the paper feed cassette, and the manual paper feed tray.
2	Original table copy mode (back) (No. 1, 2, 3 paper feed tray, paper feed cassette)	Adjust by changing the position of the duplex tray.
3	RADF copy mode	Adjust by changing the position of the RADF paper feed tray.

17. Image loss, void area check (adjustment)

Make a copy in each copy mode listed below, and check that the image loss and void area are within the allowable range.

For the adjustment and checking procedures, refer to the sections shown in the table.

Item	Lead edge	Rear edge
Image loss	1.0 ~ 4.5 mm	—
Voide area	1.0 ~ 3.0 mm	1.0 ~ 4.0 mm
Image shift for the paper	0±1.5 mm	—

No.	Content	Method
1	Original table copy mode (lead edge image loss, void area) (rear edge void area)	Adjust with SIM 50-1.
2	RADF copy mode (S-S mode) (lead edge image loss, void area)	In the RADF copy mode, the adjustment value of SIM 53-1 must be also checked.
3	RADF copy mode (D-D mode) (lead edge image loss, void area, rear edge void area)	
4	RADF thin film copy mode (lead edge image loss, void area, rear edge void area)	
5	RADF stepping copy mode (lead edge image loss, void area, rear edge void area)	

18. Recording of adjustment/setting values, ROM version

It is advisable to record the adjustment and setting values as well as the ROM version. If they are not recorded, all the adjustments must be executed again from the beginning when a memory trouble occurs, or when the main control PWB is replaced, or memory on the main control PWB is replaced.

If, however, the adjustment values are recorded, it is only required to enter the values with the corresponding simulations. This greatly increases the efficiency in servicing.

By use of the commander (SF-EA13), all the adjustment and setting values and the ROM version are printed.

If the commander (SF-EA13) is not available, execute each simulation related to each adjustment and setting, and read the adjustment and setting values and record them.

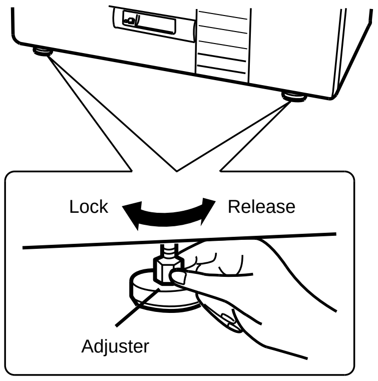
For the concrete procedures, refer to the sections listed in the table below.

19. Explanation for user operations

20. Others

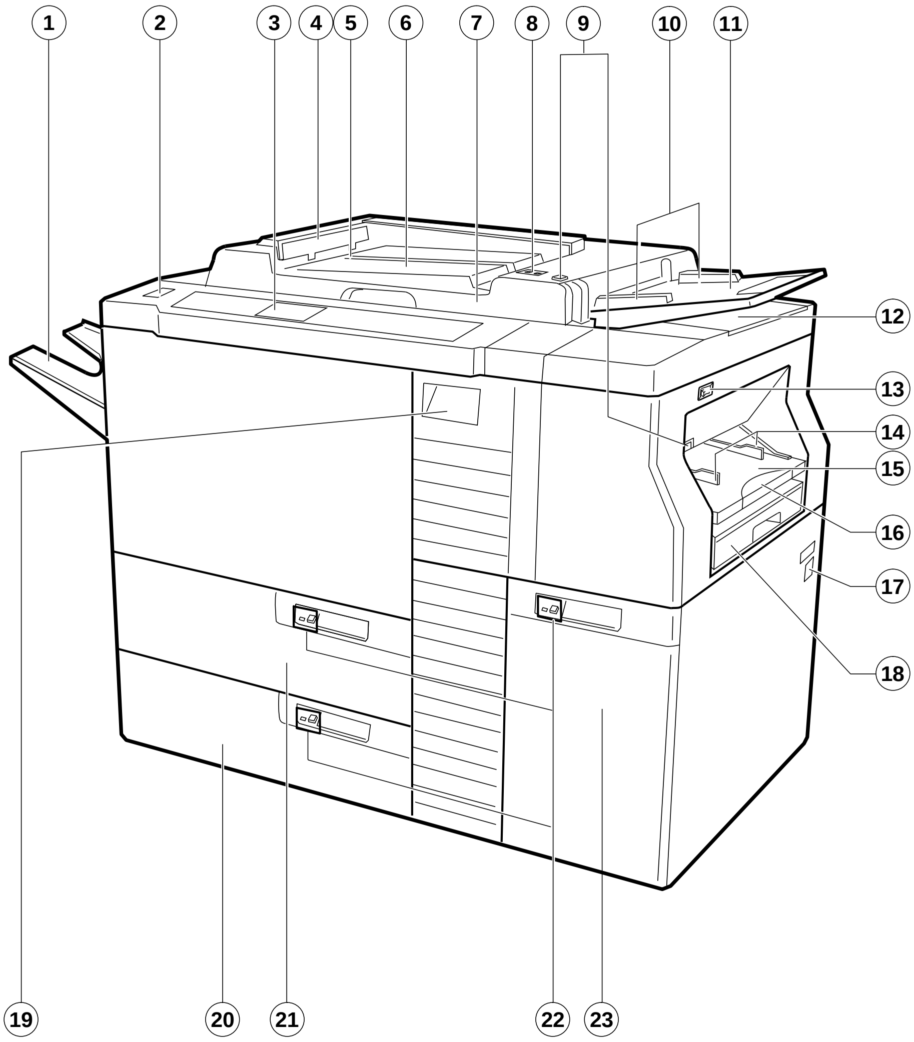
(1) Fixing adjuster setup

Turn the adjuster to fix the copier.



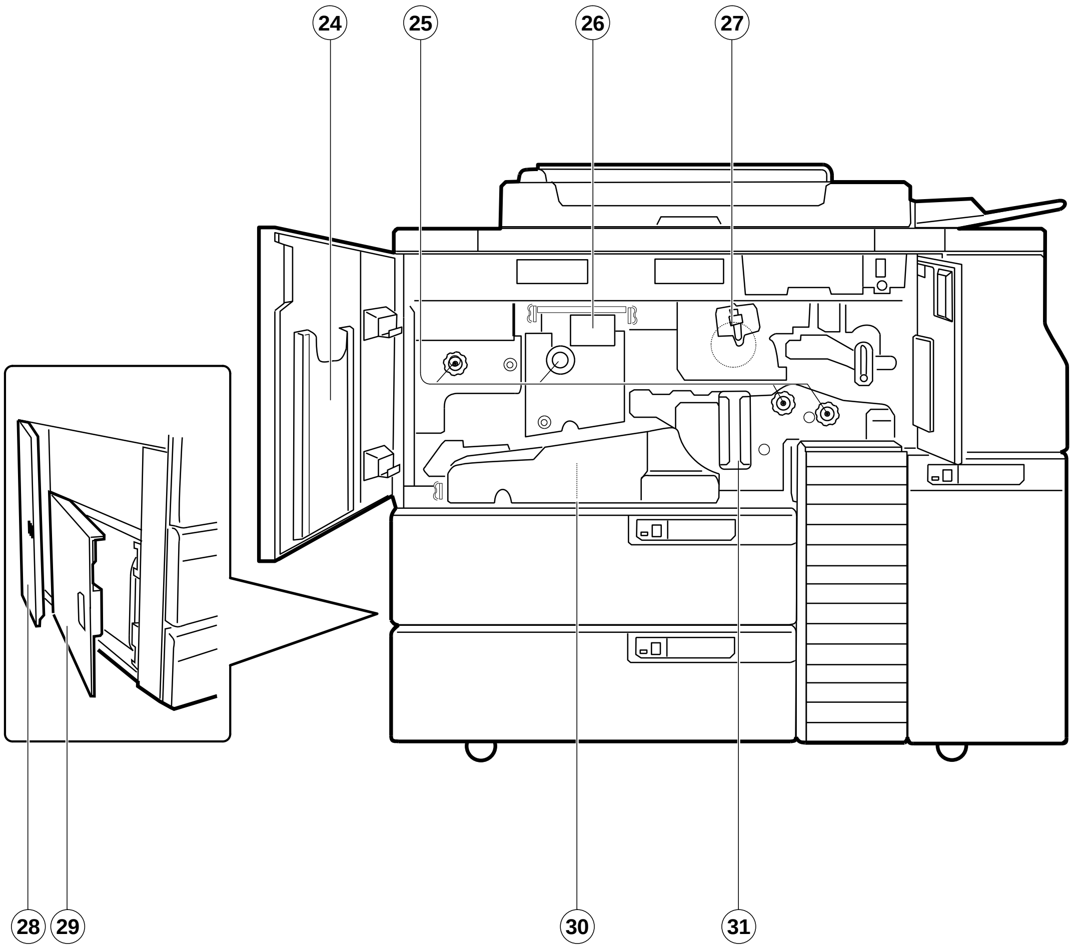
[5] EXTERNAL VIEWS AND INTERNAL STRUCTURE

1. External views



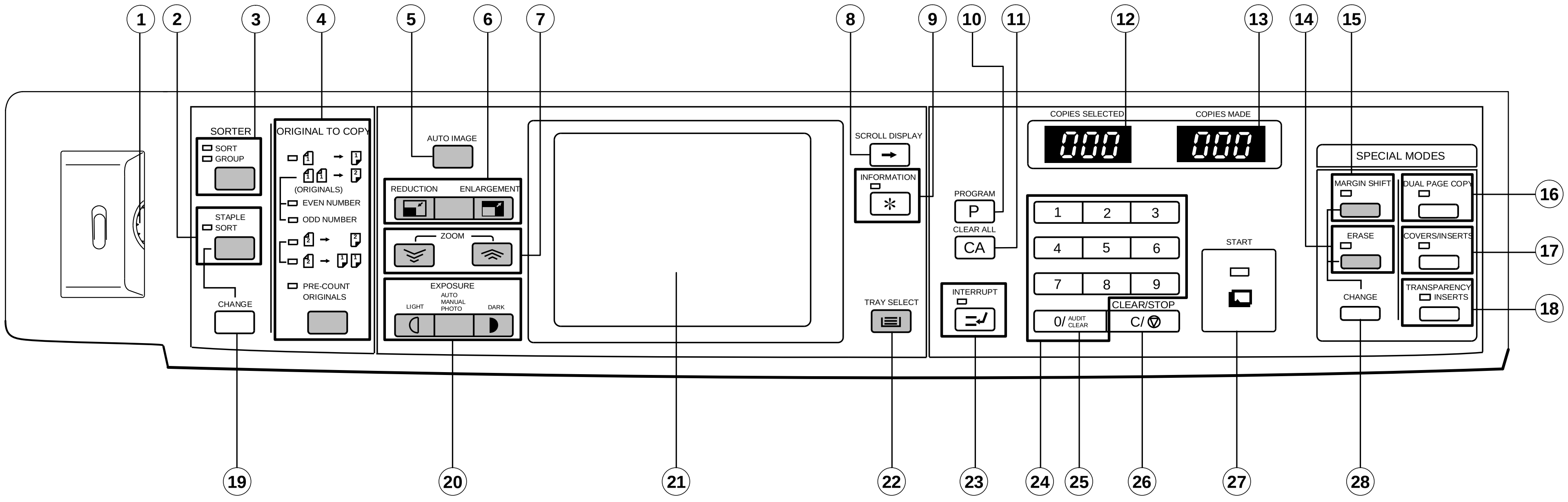
①	Copy tray	②	Clip tray	③	Operation panel
④	Document exit section cover	⑤	Document exit section	⑥	Reversing automatic document feeder (RADF) unit
⑦	Document table	⑧	Document feed lamp, document remaining lamp	⑨	Paper feed pressure release button
⑩	Document guide	⑪	Document set table	⑫	Toner box cover
⑬	Power switch	⑭	Manual paper feed guide	⑮	Manual paper feed tray
⑯	Manual feed guide tray	⑰	Heater switch	⑱	Paper cassette
⑲	Front cover	⑳	No. 3 paper feed tray	㉑	No. 2 paper feed tray
㉒	Tray falling button/lamp	㉓	No. 1 paper feed tray		

2. Internal operation parts



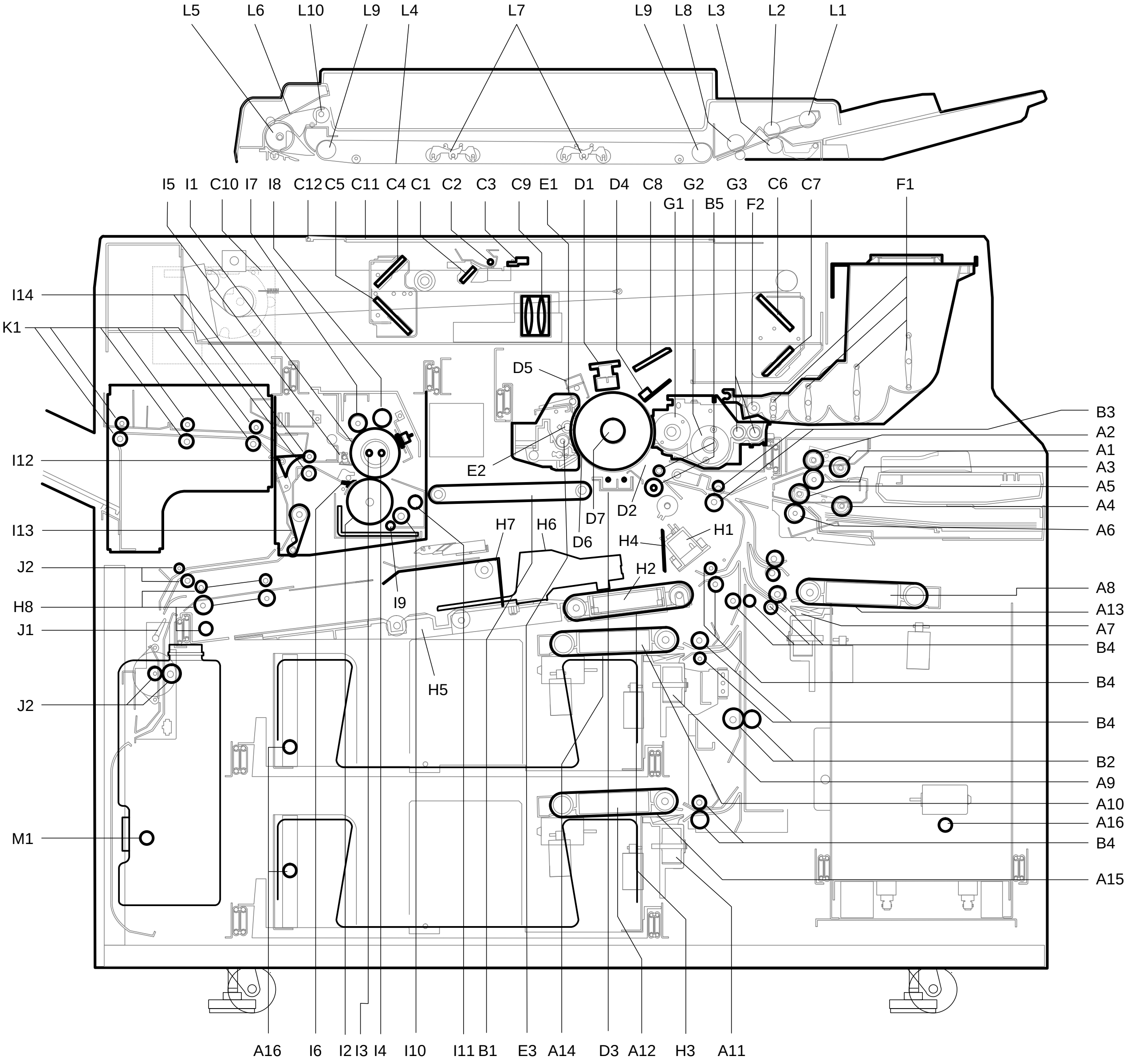
㉔	Operation Manual storing section	㉕	Roller rotating knob	㉖	Fusing section lock lever
㉗	OPC drum	㉘	Toner collection container storing section cover	㉙	Left side cover
㉚	Duplex unit	㉛	Transport section open/close lever		

3. Operation panel


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
SORTER
SORT
GROUP
STAPLE
SORT
CHANGE
ORIGINAL TO COPY
(ORIGINALS)
EVEN NUMBER
ODD NUMBER
PRE-COUNT
ORIGINALS
AUTO IMAGE
REDUCTION
ENLARGEMENT
ZOOM
EXPOSURE
AUTO
MANUAL
PHOTO
LIGHT
DARK
SCROLL DISPLAY
INFORMATION
TRAY SELECT
PROGRAM
P
CLEAR ALL
CA
INTERRUPT
COPIES SELECTED
COPIES MADE
000
000
1
2
3
4
5
6
7
8
9
0/ AUDIT CLEAR
CLEAR/STOP
C/
START
SPECIAL MODES
MARGIN SHIFT
ERASE
CHANGE
DUAL PAGE COPY
COVERS/INSERTS
TRANSPARENCY
INSERTS

①	LCD brightness adjusting dial	②	Staple sort key/display lamp	③	Sort/group key/display lamp
④	Document → Copy selection/display lamp	⑤	Magnification ratio auto select key	⑥	Reduction/normal/enlargement key
⑦	Zoom key	⑧	Message forward scroll key	⑨	Operation guide key/display lamp
⑩	Program key	⑪	All clear key	⑫	COPIES SELECTED display
⑬	COPIES MADE display	⑭	Frame erase/display lamp	⑮	Binding margin key/display lamp
⑯	1-set 2-copy key/display lamp	⑰	Cover/index paper insert key/display lamp	⑱	OHP insert paper insert key/display lamp
⑲	Setting change key (Staple sorter SF-S55)	⑳	Copy exposure key	㉑	Message screen
㉒	Tray selection key	㉓	Interruption key/display lamp	㉔	10-key pad
㉕	Zero/department count end key	㉖	Clear/stop key	㉗	Start key/start lamp
㉘	Setting change key				

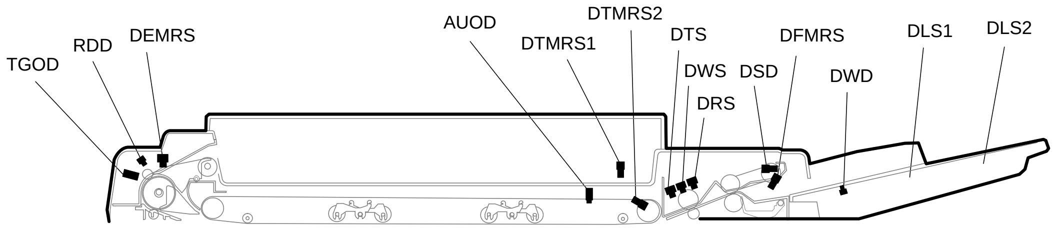
4. Internal parts

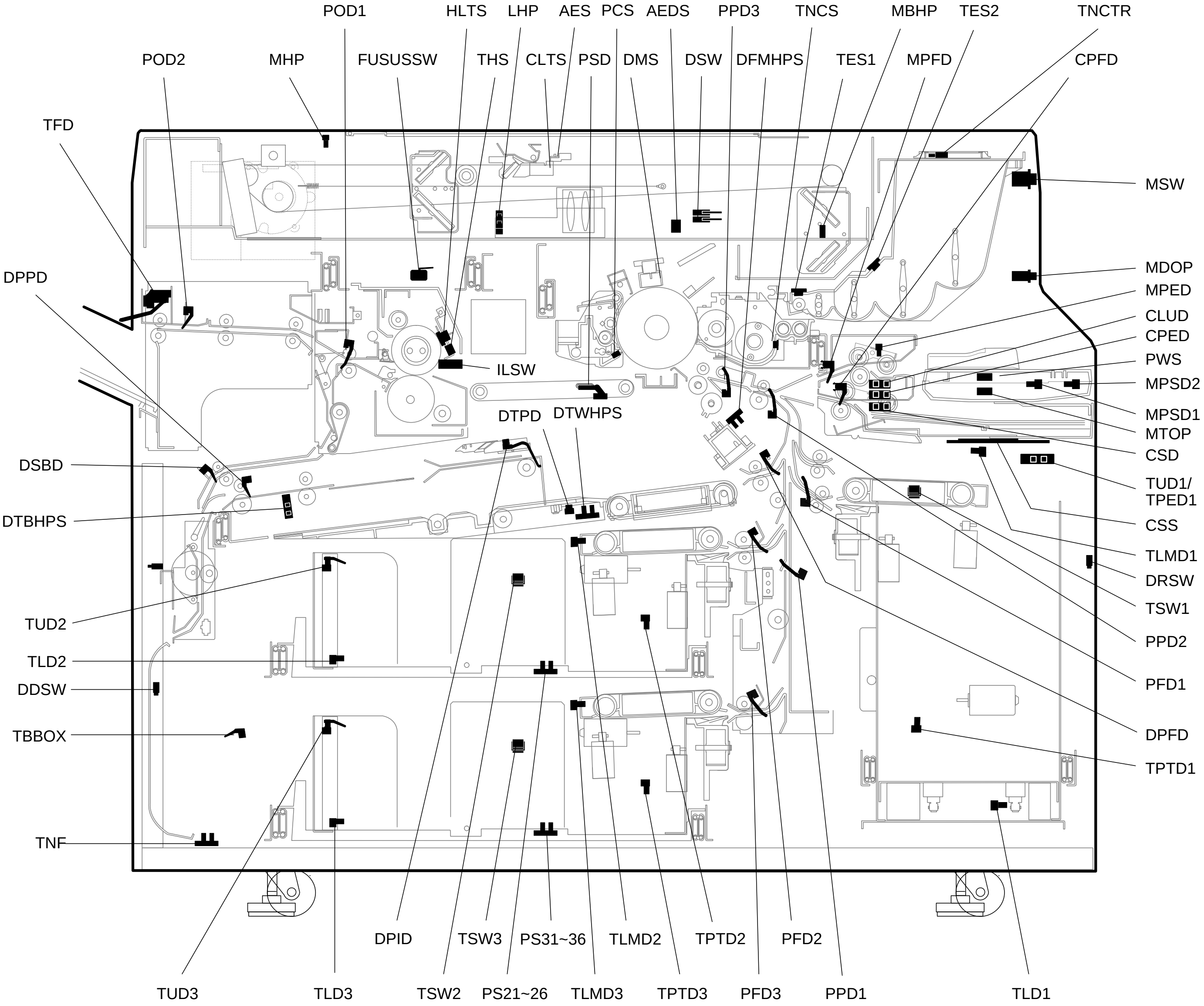

L5
L6
L10
L9
L4
L7
L9
L8
L3
L2
L1
I5
I1
C10
I7
I8
C12
C5
C11
C4
C1
C2
C3
C9
E1
D1
D4
C8
G2
G3
C6
C7
F1
G1
B5
F2
I14
K1
I12
I13
J2
H8
J1
J2
M1
D5
E2
H7
H6
D7
D2
D6
H4
H1
H2
I9
H5
B3
A2
A1
A3
A5
A4
A6
A8
A13
A7
B4
B4
B4
B2
A9
A10
A16
B4
A15
A16
I6
I2
I3
I4
I10
I11
B1
E3
A14
D3
A12
H3
A11

No.	Section	No.	Part name	Remark
A	Paper feed section	1	Manual paper feed pick-up roller	
		2	Manual paper feed roller	
		3	Manual paper feed separation roller	
		4	Cassette pick-up roller	
		5	Cassette paper feed roller	
		6	Cassette separation roller	
		7	Blower unit (No. 1 paper feed tray)	
		8	Suction unit (No. 1 paper feed tray)	
		9	Blower unit (No. 2 paper feed tray)	
		10	Suction unit (No. 2 paper feed tray)	
		11	Blower unit (No. 3 paper feed unit)	
		12	Suction unit (No. 3 paper feed unit)	
		13	Paper feed belt (No. 1 paper feed tray)	
		14	Paper feed belt (No. 2 paper feed tray)	
		15	Paper feed belt (No. 3 paper feed tray)	
		16	Lift wire	
B	Paper transport section	1	Transport suction belt	
		2	Transport roller 1 (with clutch)	
		3	Transport roller 2 (with clutch)	
		4	Transport roller	
		5	Resist roller	

No.	Section	No.	Part name	Remark
C	Optical section	1	No. 1 mirror	
		2	Copy lamp	
		3	Reflect	
		4	No. 2 mirror	
		5	No. 3 mirror	
		6	Mo. 4 mirror	
		7	No. 5 mirror	
		8	No. 6 mirror	
		9	Lens	
		10	Scanner drive wire	
		11	Document table (glass)	
		12	Document stopper	
D	Image forming section	1	Main charger unit	
		2	Pre-transfer discharging charger unit	
		3	Transfer/separation charger unit	
		4	Blank lamp unit	
		5	Discharge lamp unit	
		6	OPC drum	
		7	OPC drum heater	
E	Cleaner section	1	Cleaning blade	
		2	Cleaning brush	
		3	Waste toner transport screw	
F	Toner hopper section	1	Toner transport bar	
		2	Toner supply roller	
G	Developing section	1	Developing roller	
		2	Toner stirring roller	
		3	Toner transport roller	
H	Duplex section	1	Blower unit	
		2	Suction unit	
		3	Paper feed belt	
		4	Paper stopper	
		5	Drive belt	
		6	Alignment plate (width)	
		7	Alignment plate (transport direction)	
		8	Transport roller	
I	Fusing section	1	Heat roller	
		2	Pressure roller	
		3	Sub heater lamp	
		4	Main heater lamp	
		5	operation pawl (Upper)	
		6	Separation pawl (Lower)	
		7	Cleaning roller (Upper)	
		8	Auxiliary cleaning roller (Upper) (Japan only)	
		9	Cleaning felt	
		10	Paper dust cleaning roller	
		11	Paper dust cleaning roller (lower)	
		12	Duplex gate	
		13	Curl correction belt	
		14	Paper exit roller	
J	Switchback section	1	Switchback gate	
		2	Transport roller	
K	Paper exit section	1	Paper exit roller	
L	RADF	1	RADF pick-up roller	
		2	RADF paper feed roller	
		3	RADF separation roller	
		4	Transport roller	
		5	Paper exit/reverse roller	
		6	Reverse gate	
		7	Tension roller	
		8	Resist roller	
		9	Transport roller	
		10	Paper exit roller	
M	Others	1	Waste toner bottle	

5. Sensors and detectors


TGOD
RDD
DEMRS
AUOD
DTMRS2
DTMRS1
DTS
DWS
DSD
DRS
DFMRS
DWD
DLS1
DLS2

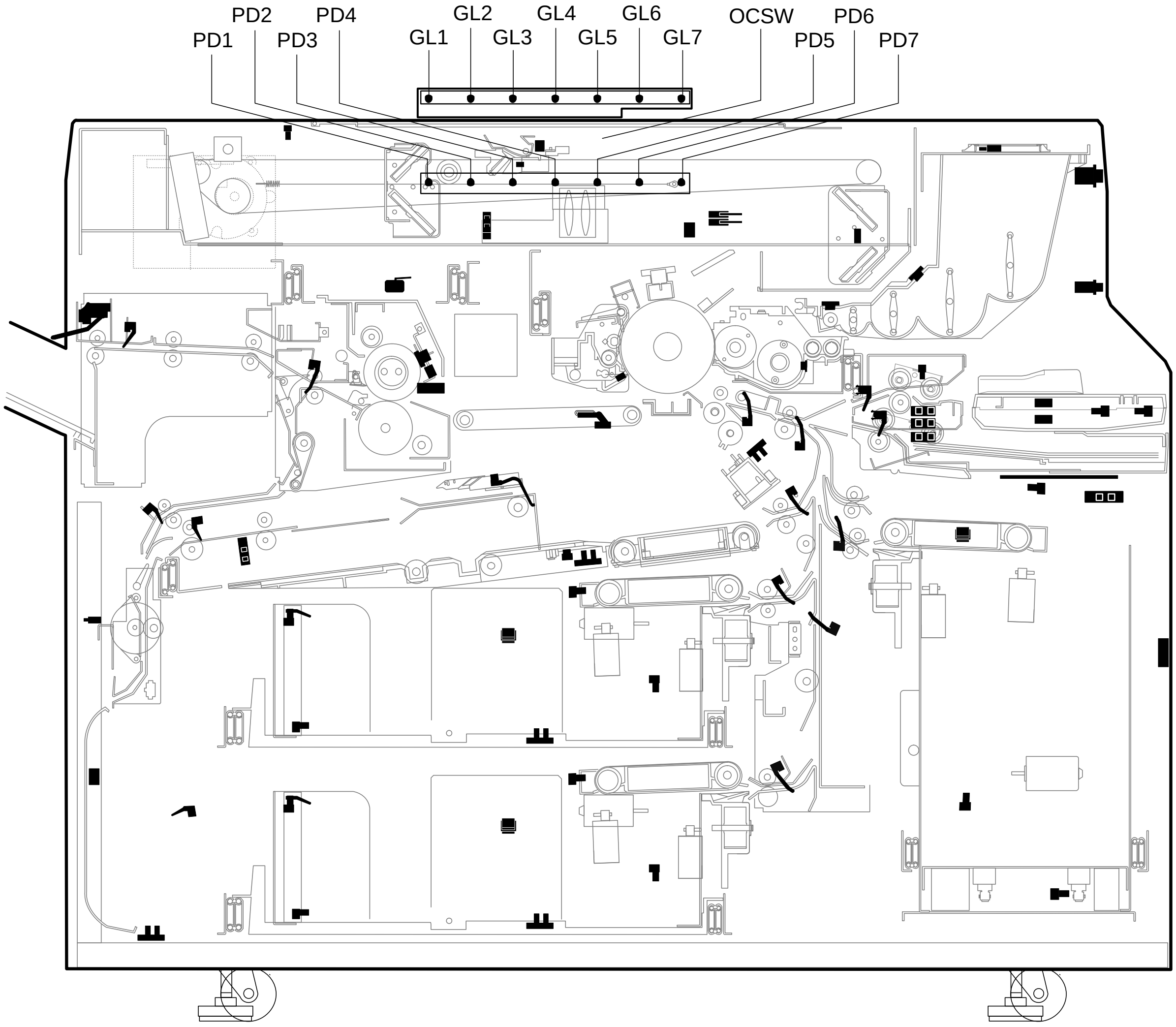

POD1
HLTS
LHP
AES
PCS
AEDS
PPD3
TNCS
MBHP
TES2
TNCTR
POD2
MHP
FUSUSSW
THS
CLTS
PSD
DMS
DSW
DFMHPS
TES1
MPFD
CPFD
TFD
MSW
DPPD
MDOP
MPED
CLUD
CPED
PWS
ILSW
MPSD2
DTPD
DTWHPS
MPSD1
MTOP
DSBD
CSD
TUD1/
TPED1
DTBHPS
CSS
TLMD1
DRSW
TSW1
TUD2
PPD2
TLD2
DDSW
PFD1
TBBOX
DPFD
TPTD1
TNF
DPID
TSW3
PS31~36
TLMD2
TPTD2
PFD2
TUD3
TLD3
TSW2
PS21~26
TLMD3
TPTD3
PFD3
PPD1
TLD1

Code (Signal name)	Name	Type	Function, operation
AEDS	Optical dirt sensor	Photo diode	Optical section dirt detection
AES	AE sensor	Photo diode	Document density detection
CLTS	Thermostat ((Optical section)	Thermostat	Optical section overheat protection (Copy lamp AC power line is cut off.)
CLUD	Paper cassette paper top detector	Photo transmission	Paper cassette lift plate upper limit position detection
CPED	Paper cassette paper empty detector	Photo transmission	Paper cassette paper empty detection
CPFD	Paper feed detector (Paper cassette)	Photo transmission	Detection of paper fed from the paper cassette
CSD	Paper cassette detector	Photo transmission	Detection of paper cassette installed
CSS	Cassette size sensor (5 lead switches)	Lead switch	Detection of paper size on the paper cassette
DDSW	Open/close detection switches (switchback cabinet section) 2 pcs.	Microswitch	When the switchback section cabinet is opened, the switchback DC24V power line is opened. Switchback section cabinet open/close is detected.

Code (Signal name)	Name	Type	Function, operation
DFMHPS	Blower valve home position sensor (Duplex)	Photo transmission	Blower valve home position (Duplex) detection
DRSW	Drum heater switch	See-saw switch	De-moisture heater switch
DMS	OPC drum mark sensor	Photo transistor	OPC drum marking detection
DPFD	Paper feed detector (Duplex)	Photo transmission	Detection of paper fed from the duplex tray
DPID	Paper entry detector 2 (Duplex)	Photo transmission	Detection of paper entry into the duplex tray
DPPD	Paper entry detector 1 (Duplex)	Photo transmission	Detection of paper entry into the duplex section
DSBD	Paper entry detector (Switchback)	Photo transmission	Paper entry detection in the switchback section
DSW	Open/close detection switch (Front cabinet section) 2 pcs.	Microswitch	When the front cabinet is opened, DC24V/38V power line is opened. Detection of open/close of the front cabinet
DTBHPS	Alignment plate (length) home position sensor	Photo transmission	Alignment plate (length) home position sensor
DTPD	Paper sensor (Duplex)	Photo transmission	Duplex tray paper detection
DTWHPS	Alignment plate (width) home position sensor	Photo transmission	Alignment plate (width) home position sensor
FUSUS SW	Safety switch (Fusing section)	Microswitch	Cuts the heater lamp power line simultaneously when the fusing unit release lever is released.
HLTS	Thermostat (Fusing section)	Thermostat	Fusing section overheat protection (The heater lamp AC power line is cut off.)
ILSW	Fusing interlock switch	Mechanical switch	When the fusing unit is pulled out, the heater lamp power line is opened.
LHP	Lens home position sensor	Photo transmission	Lens home position detection
MBHP	Mirror base home position sensor	Photo transmission	No. 4/5 mirror unit home position sensor
MDOP	Manual paper feed tray open/close sensor	Lead switch	Manual per feed tray open/close detection
MHP	Scanner home position sensor	Photo transmission	Scanner unit home position sensor
MPED	Paper empty detector (Manual paper feed section)	Photo transmission	Manual paper feed section paper detection
MPFD	Paper feed detector (Manual paper feed)	Photo transmission	Detection of paper fed from the manual paper feed section
MPSD1	Paper length detector 1 (Manual paper feed section)	Photo transmission	Paper length detection (manual paper feed section)
MPSD2	Paper length detector 2 (Manual paper feed section)	Photo transmission	Paper length detection (manual paper feed section)
MSW	Main switch	See-saw switch	Main power ON/OFF (The power switch is forcibly turned off after the power shut off operation.)
MTOP	Manual paper feed tray pull-out detector	Lead switch	Manual paper feed tray pull-out detection
PFD1	Paper feed detector 1	Photo transmission	Detection of paper fed from No. 1 paper feed tray
PFD2	Paper feed detector 2	Photo transmission	Detection of paper fed from No. 2 paper feed tray
PFD3	Paper feed detector 3	Photo transmission	Detection of paper fed from No. 3 paper feed tray
POD1	Paper exit detector 1	Photo transmission	Detection of paper exit from the fusing section
POD2	Paper exit detector 2	Photo transmission	Detection of paper exit from the fusing section
PPD1	Paper pass detector 1	Photo transmission	Detection of paper pass from No. 3 paper feed tray
PPD2	Paper pass detector 2	Photo transmission	Detection of paper pass in front of the resist roller
PPD3	Paper pass detector 3	Photo transmission	Used as the operation timing signal for the transport roller and the resist roller. Detection of paper pass in front of the resist roller
PS21-26	Paper feed tray paper size detector (No. 2 tray)	Lead switch	Paper size detection
PS31-36	Paper feed tray paper size detector (No. 3 tray)	Lead switch	Paper size detection
PCS	Image density sensor	Photo transistor	Detection of toner patch image density on the OPC drum
PSD	Separation detector	Photo transmission	Detection of paper separation on the OPC drum
PWS	Paper width size sensor (Manual paper feed section)	Variable resistor	Detection of paper width by variation in resistance (manual paper feed section)
TBBOX	Waste toner bottle sensor	Photo transmission	Waste toner bottle installation detection
TES1	Toner empty sensor 1	Piezo type	Toner empty detection in the toner hopper
TES2	Toner empty sensor 2	Piezo type	Toner empty detection in the toner hopper
TFD	Paper full detector	Photo transmission	Paper full detection on the paper exit tray
THS	Fusing temperature sensor	Thermistor	Fusing section heat roller surface temperature detection
TLD1	Paper feed tray lower limit detector 1	Photo transmission	No. 1 paper feed tray lower limit detection
TLD2	Paper feed tray lower limit detector 2	Photo transmission	No. 2 paper feed tray lower limit detection
TLD3	Paper feed tray lower limit detector 3	Photo transmission	No. 3 paper feed tray lower limit detection
TLMD1	Paper feed tray upper limit detector 1	Photo transmission	No. 1 paper feed tray upper limit detection
TLMD2	Paper feed tray upper limit detector 2	Photo transmission	No. 2 paper feed tray upper limit detection
TLMD3	Paper feed tray upper limit detector 3	Photo transmission	No. 3 paper feed tray upper limit detection
TNCS	Toner concentration sensor	Magnetic type	Developing unit toner concentration detection
TNCTR	Toner hopper cover detector	Microswitch	Toner hopper open/close detection
TNF	Waste toner bottle full detector	Photo transmission	Waste toner bottle full detection
TPTD1	Paper feed tray lift motor rotation sensor 1	Photo transmission	No. 1 paper feed tray lift motor rotation detection
TPTD2	Paper feed tray lift motor rotation sensor 2	Photo transmission	No. 2 paper feed tray lift motor rotation detection
TPTD3	Paper feed tray lift motor rotation sensor 3	Photo transmission	No. 3 paper feed tray lift motor rotation detection
TSW1	Paper feed tray open/close release switch (No. 1 tray)	Contact switch	Paper feed tray open/close lock release (No. 1 tray)
TSW2	Paper feed tray open/close release switch (No. 2 tray)	Contact switch	Paper feed tray open/close lock release (No. 2 tray)
TSW3	Paper feed tray open/close release switch (No. 3 tray)	Contact switch	Paper feed tray open/close lock release (No. 3 tray)
TPED1	Paper feed tray empty detector 1	Photo transmission	No. 1 paper feed tray paper empty detection
TUD2	Paper feed tray empty detector 2	Photo transmission	No. 2 paper feed tray paper empty detection
TUD3	Paper feed tray empty detector 3	Photo transmission	No. 3 paper feed tray paper empty detection
TUD1	Paper feed tray paper upper limit detector (No. 1 paper feed tray)	Photo transmission	No. 1 paper feed tray paper top position detection

AUOD	RADF open/close switch	Microswitch	RADF unit open/close detection When the RADF is opened, the RADF unit load power line is cut off.
DEMRS	Paper exit/reverse motor rotation sensor (RADF)	Photo transmission	Paper exit, reversing motor rotation sensor
DLS1	Document length detector 1 (RADF)	Photo transmission	Document length detection
DLS2	Document length detector 2 (RADF)	Photo transmission	Document length detection
DRS	Resist sensor (RADF)	Photo reflection	Detection of the document lead edge in front of the RADF resist roller. The document length is detected to calculate the document size.

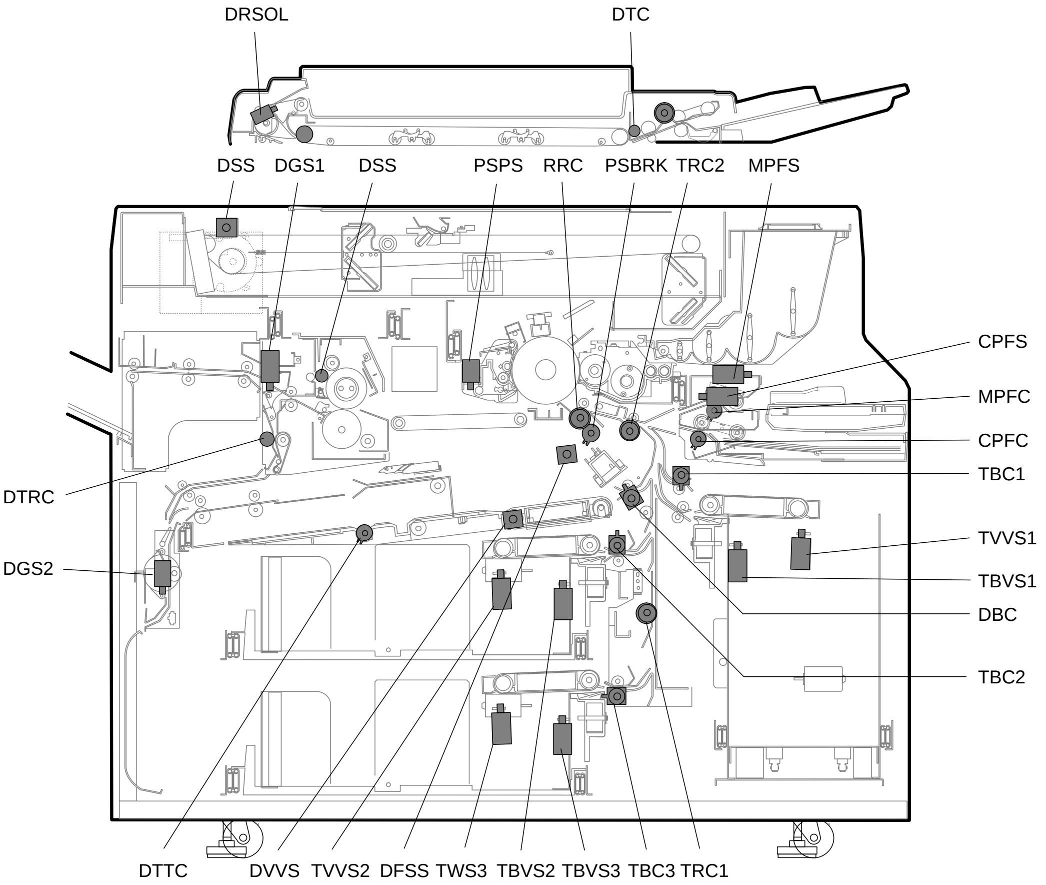
DSD	Document detector (RADF)	Photo transmission	Paper feed tray document detection
DTMRS1	Transport motor rotation phase sensor (RADF)	Photo transmission	Transport motor rotation direction detection
DTMRS2	Paper feed motor rotation sensor (RADF)	Photo transmission	Paper feed motor RPM detection
DTRMS	Transport motor rotation sensor (RADF)	Photo transmission	Transport motor RPM, document transport amount detection
DTS	Timing sensor (RADF)	Photo reflection	The document rear edge is detected to control the document stop position.
DWD	Document width sensor (RADF)	Variable resistance	Document width detection
DWS	Document size identifying sensor (RADF)	Photo reflection	Document width identification
RDD	Reversing sensor (RADF)	Photo reflection	Document reversing, paper exit detection
TGOD	Paper exit cover open/close detector	Microswitch	RADF paper exit cover open/close detection



(Japan only)

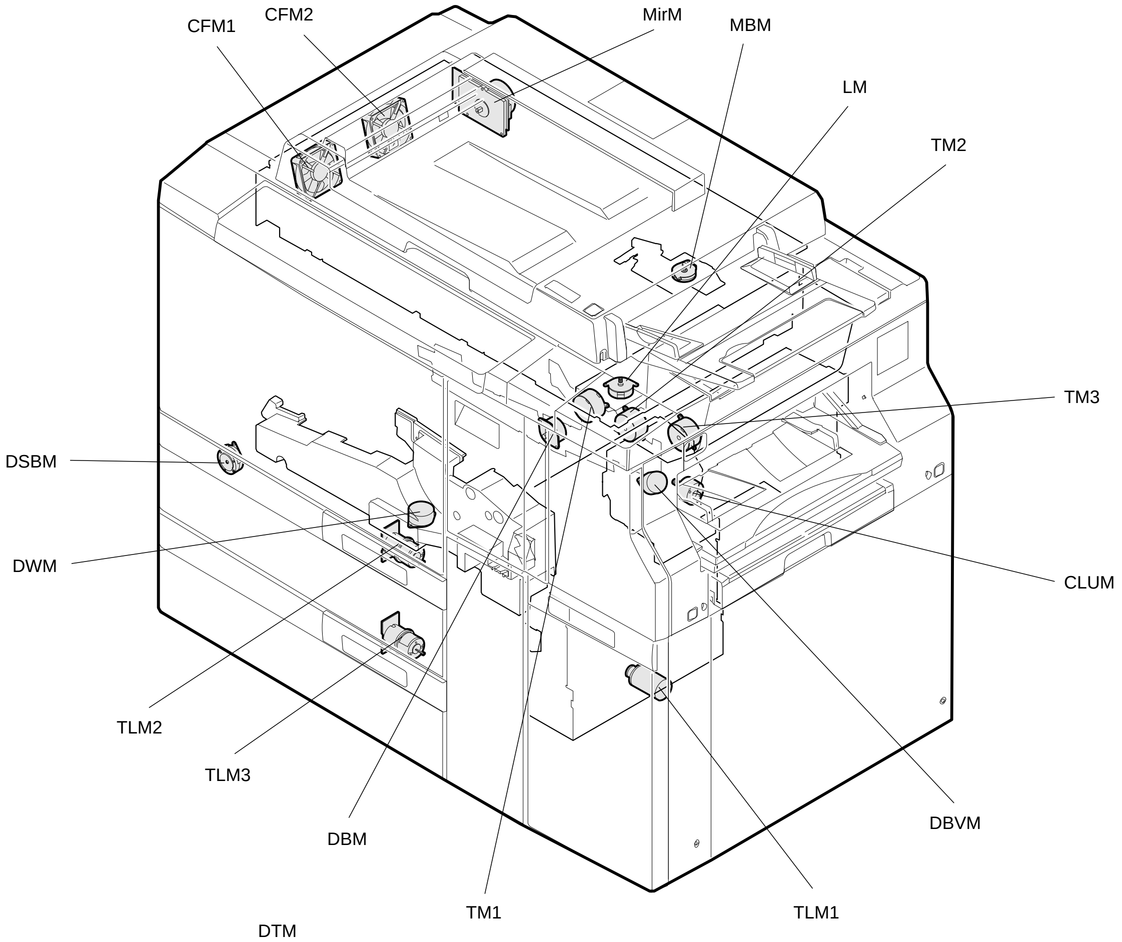
GL1-GL7	Document size sensor (light emitting)	LED	Document size detection LED
OCSW	Document size detection timing sensor	Photo transmission	The document size detection timing is determined when the RADF unit is closed.
PD1-PD7	Document size sensor (light reception)	Photo transistor	Document size detection

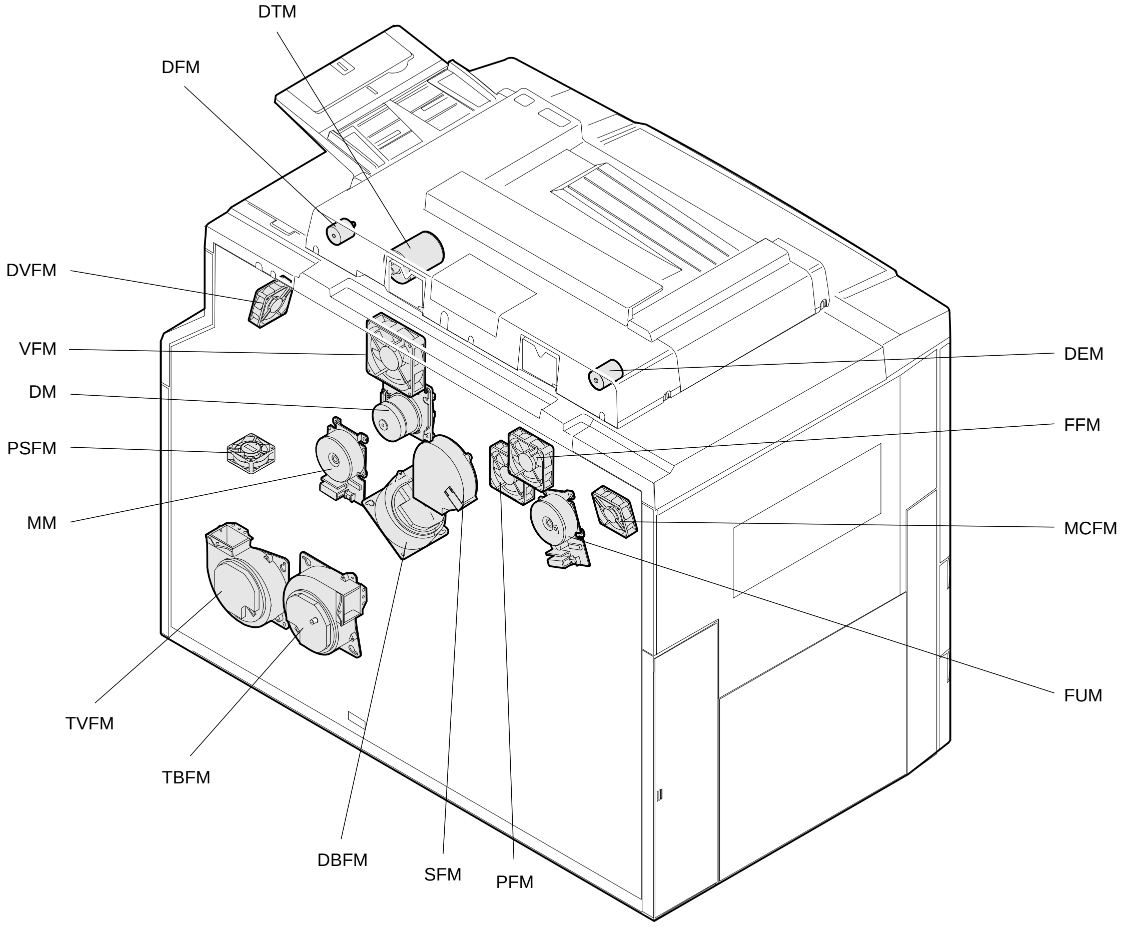
6. Solenoids and clutches



Code (Signal name)	Name	Type	Function, operation
TRC1	Transport roller clutch 1	Magnetic clutch	Paper feed tray section transport roller drive control
CPFC	Cassette paper feed clutch	Magnetic clutch	Cassette paper feed roller drive control
CPFS	Cassette paper feed clutch solenoid	Solenoid	Cassette paper feed pick-up roller lift up/down control
DBC	Paper feed belt clutch (duplex)	Magnetic clutch	Paper feed belt drive control (Duplex)
DFSS	Paper stopper solenoid (duplex)	Solenoid	Paper stopper plate open/close control (duplex)
DGS1	Gate A solenoid	Solenoid	Normal, duplex mode paper route selection
DGS2	Switchback gate solenoid	Solenoid	Switchback section paper route selection
DRSOL	Paper exit, reversing gate solenoid	Solenoid	Document paper exit, reversing route selection (RADF)
DSS	Document stopper solenoid	Solenoid	Document stopper plate drive control
DTC	Transport clutch	Magnetic clutch	RADF transport belt drive control
DTRC	Transport roller clutch (switchback section)	Magnetic clutch	Transport roller clutch drive control (switchback section)
DTTC (DTBRC)	Duplex drive clutch	Magnetic clutch	Paper feed, transport motor power transmission to the duplex unit
DVVS	Paper feed suction valve solenoid (duplex)	Solenoid	Suction valve open/close control (duplex)
HRS	Fusing clutch solenoid	Solenoid	Fusing section drive control
MPFC	Manual paper feed clutch	Magnetic clutch	Manual paper feed roller drive control
MPFS	Manual paper feed clutch solenoid	Solenoid	Manual paper feed pick-up roller lift up/down control
PSBRK	Resist roller brake clutch	Magnetic clutch	Resist roller brake clutch drive control
PSPS	Separation pawl solenoid	Solenoid	OPC drum separation pawl drive control
RRC	Resist roller clutch	Magnetic clutch	Resist roller drive control Paper and OPC drum image timing control
TBC1	Paper feed belt clutch (No. 1 paper feed tray)	Magnetic clutch	Paper feed belt drive control (No. 1 paper feed tray)
TBC2	Paper feed belt clutch (No. 2 paper feed tray)	Magnetic clutch	Paper feed belt drive control (No. 2 paper feed tray)
TRC3	Paper feed belt clutch (No. 3 paper feed tray)	Magnetic clutch	Paper feed belt drive control (No. 3 paper feed tray)
TBVS1	Paper feed blower valve solenoid (No. 1 paper feed tray)	Solenoid	Paper feed blower valve open/close control (No. 1 paper feed tray)
TBVS2	Paper feed blower valve solenoid (No. 2 paper feed tray)	Solenoid	Paper feed blower valve open/close control (No. 2 paper feed tray)
TBVS3	Paper feed blower valve solenoid (No. 3 paper feed tray)	Solenoid	Paper feed blower valve open/close control (No. 3 paper feed tray)
TRC2	Transport roller clutch 2	Magnetic clutch	Transport roller drive control between the paper feed section and the resist roller
TVVS1	Paper feed suction valve solenoid (No. 1 paper feed tray)	Solenoid	Paper feed suction valve open/close control (No. 1 paper feed tray)
TVVS2	Paper feed suction valve solenoid (No. 2 paper feed tray)	Solenoid	Paper feed suction valve open/close control (No. 2 paper feed tray)
TVVS3	Paper feed suction valve solenoid (No. 3 paper feed tray)	Solenoid	Paper feed suction valve open/close control (No. 3 paper feed tray)

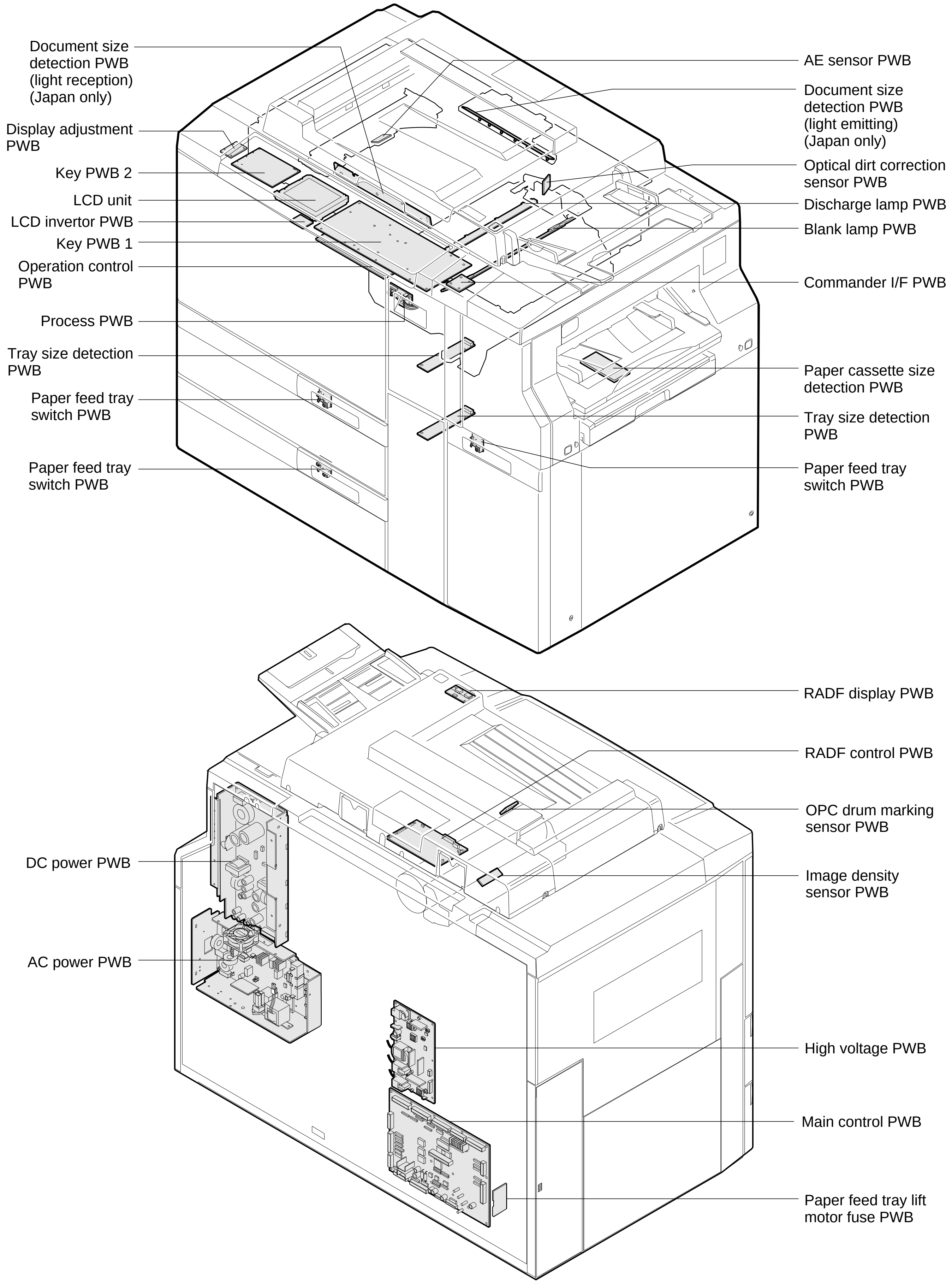
7. Motors


CFM1
CFM2
MirM
MBM
LM
TM2
TM3
DSBM
DWM
CLUM
TLM2
TLM3
DBM
DBVM
TM1
TLM1


DTM
DFM
DVFM
VFM
DM
PSFM
MM
DEM
FFM
MCFM
FUM
TVFM
TBFM
DBFM
SFM
PFM

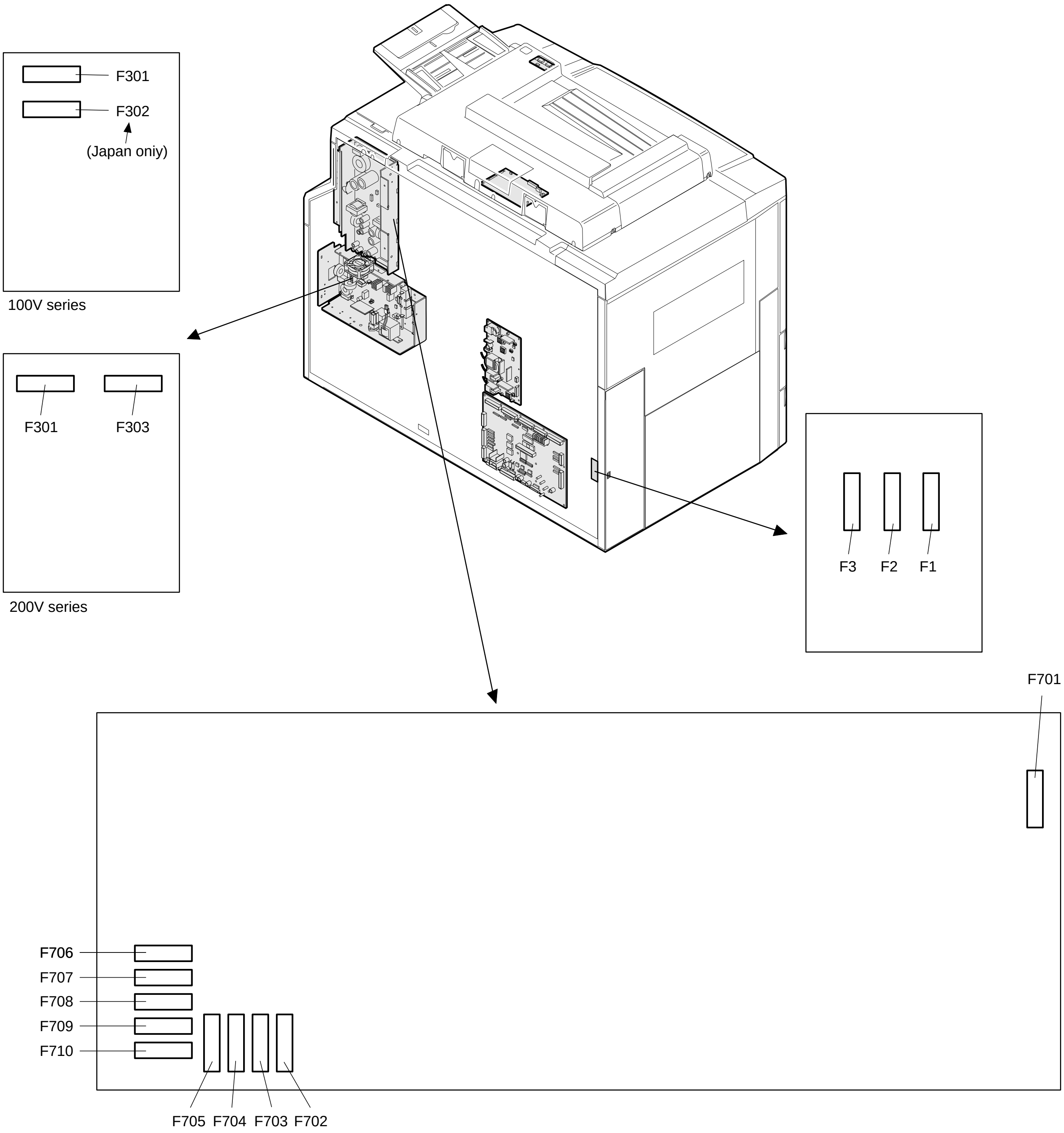
Code (Signal name)	Name	Type	Function, operation
CFM1	Cooling motor 1 (optical section)	DC brushless motor	Optical section cooling
CFM2	Cooling motor 2 (optical section)	DC brushless motor	Optical section cooling
CLUM	Paper cassette lift motor	DC motor (rectifier type)	Paper cassette lift plate lift up/down drive
DBFM	Blower motor (duplex)	DC brushless motor	Duplex paper feed section blowing
DBM	Alignment (length) motor (duplex)	Stepping motor	Duplex alignment plate (length) drive
DBVM	Blower valve motor (duplex)	Stepping motor	Duplex blower valve drive
DEM	Document reversing, exit motor	DC motor	Document reversing, paper exit section drive
DFM	Document feed motor	DC motor	Document feed section drive
DM	OPC drum, developing motor	DC brushless motor	OPC drum, developing section drive
DSBM	Switchback motor	Stepping motor	Paper transport and switchback in the switchback section
DTM	Document transport motor	DC motor	Document transport section drive
DVFM	Developing cooling motor	DC brushless motor	Developing section drive
DWM	Alignment (width) motor (duplex)	Stepping motor	Duplex alignment plate (width) drive
FFM	Fusing cooling motor	DC brushless motor	Fusing section cooling
FUM	Fusing motor	DC brushless motor	Fusing section, paper exit section drive
LM	Lens motor	Stepping motor	Lens unit drive
MBM	Mirror motor	Stepping motor	No. 4/5 mirror unit drive
MCFM	Cooling motor (optical section)	DC brushless motor	Optical section cooling
MirM	Scanner motor	DC brushless motor	Scanner unit drive
MM	Paper feed, transport motor	DC brushless motor	Paper feed, transport section drive
PFM	Image forming section cooling motor	DC brushless motor	Image forming section cooling
PSFM	Power cooling motor	DC brushless motor	Paper transport section cooling
SFM	Suction motor (paper transport section)	DC brushless motor	Paper transport sections suction
TBFM	Blower motor	DC brushless motor	Paper feed tray (No. 1 - 3) blowing
TLM1	No. 1 paper feed tray lift motor	DC motor (rectifier type)	No. 1 paper feed tray lift up/down drive
TLM2	No. 2 paper feed tray lift motor	DC motor (rectifier type)	No. 2 paper feed tray lift up/down drive
TLM3	No. 3 paper feed tray lift motor	DC motor (rectifier type)	No. 3 paper feed tray lift up/down drive
TM1	Toner motor 1	Pulse motor	Toner supply
TM2	Toner motor 2	Pulse motor	Toner supply
TM3	Toner motor 3	Pulse motor	Toner supply
TVFM	Suction motor	DC brushless motor	Paper feed tray (No. 1 - 3) suction
VFM	Ventilation motor	DC brushless motor	Ozone discharge

8. PWB


Document size detection PWB (light reception) (Japan only)
Display adjustment PWB
Key PWB 2
LCD unit
LCD invertor PWB
Key PWB 1
Operation control PWB
Process PWB
Tray size detection PWB
Paper feed tray switch PWB
Paper feed tray switch PWB
AE sensor PWB
Document size detection PWB (light emitting) (Japan only)
Optical dirt correction sensor PWB
Discharge lamp PWB
Blank lamp PWB
Commander I/F PWB
Paper cassette size detection PWB
Tray size detection PWB
Paper feed tray switch PWB
RADF display PWB
RADF control PWB
OPC drum marking sensor PWB
Image density sensor PWB
DC power PWB
AC power PWB
High voltage PWB
Main control PWB
Paper feed tray lift motor fuse PWB

Name	Function, operation
AC power PWB	Power relay control, Heater lamp copy lamp drive, Dry heater, OPC drum heater control, noise reduction
AE sensor PWB	Document density detection
DC power PWB	DC power voltage output Power detection signal output
LCD invertor PWB	LCD backlight drive
LCD unit	Message display
RADF control PWB	Data communication with the Main control PWB RADF load, sensor, detector control
RADF display PWB	RADF condition display
Image density sensor PWB	Toner patch image density detection during main charger, copy lamp voltage correction (adjustment) operation
Auditor I/F PWB	Data communication with the auditor
Operation control PWB	Data communication with the main control PWB, operation panel (display, key) control
Key PWB 1	Key data signal output
Key PWB 2	Key data signal output
Commander I/F PWB	Data communication interface with the commander
Blank lamp PWB	OPC drum image outside surface charge discharging, void area forming
Process sensor PWB	Image density sensor, OPC drum mark sensor sensitivity adjustment
Main control PWB	Data communication with another PWB (slave) Control of all machine. Various data storage
OPC drum mark sensor PWB	OPC drum mark sensor
Paper feed size detection PWB	Paper size detection in the paper feed tray
Paper feed tray switch PWB	Paper detection in the paper feed tray Paper feed tray lock release
Paper feed tray lift motor fuse PWB	Paper feed tray motor overcurrnet protection
Document size detection PWB (light reception)	Document size detection (light reception) (Japan only)
Document size detection PWB (light emitting)	Document size detection (light emitting) (Japan only)
Optical dirt sensor PWB	Optical section dirt detection
High voltage PWB	Charger voltages, developing bias outputs
Discharge lamp PWB	OPC drum surface charge discharging
Display adjustment PWB	LCD contrast adjustment
Paper cassette size detection PWB	Paper size detection in the paper cassette

9. Fuse


F301
F302
(Japan oniy)
100V series
F301
F303
200V series
F3
F2
F1
F701
F706
F707
F708
F709
F710
F705
F704
F703
F702

100V series

No.	Rating	Location
F301/(F302)	20A/125V	AC power PWB
F1	2A/125V	Tray motor fuse PWB
F2/F3	1.25A/125V	Tray motor fuse PWB
F701	15A/125V	DC power PWB
F702/F703/F707	5A/125V	DC power PWB
F704/F705/F708	4A/125V	DC power PWB
F706	1.25A/125V	DC power PWB
F709	6.3A/125V	DC power PWB
F710	200mA/250V	DC power PWB
(F302)	Japan 15A spec. only	

200V series

No.	Rating	Location
F301	T10A/240V	AC power PWB
F303	T1.0A/250V	AC power PWB
F1	T2A/25V	Tray motor fuse PWB
F2/F3	T1A/250V	Tray motor fuse PWB
F701	T6.3A/250V	DC power PWB
F702/F703/F707	T5A/250V	DC power PWB
F704/F705/F708	T4A/250V	DC power PWB
F706	T1.25A/25V	DC power PWB
F709	T6.3A/250V	DC power PWB
F710	T200mA/250V	DC power PWB

[6] SETTING AND ADJUSTMENTS

Setting and adjustments list

No.	Item	Content						Method
1	Specification setting	A	Destination setting					Use SIM 26-6 to set the destination.
		B	Display language changing					Replace the data RAM on the display PWB to change the display language.
		C	Counter setting	(1)	Maintenance cycle setting			Use SIM 21-1 to set the maintenance cycle.
				(2)	Copy count mode setting			Use SIM 26-5 to set the copy count mode.
		D	Option setting	(1)	Option selection			Use SIM 26-1 to set the option using condition.
				(2)	Auditor type selection			Use SIM 26-3 to set the auditor specification.
		E	Power save mode setting					Use SIM 26-26 to select the power save mode.
		F	Toner save mode setting					Use SIM 26-18 to set Valid/Invalid of the toner save mode.
2	Paper feed, transport section	A	Air valve position adjustment	(1)	No. 1 tray (Suction valve/blower valve)			Change the air valve drive solenoid position to adjust the air valve open/close angle.
				(2)	No. 2 tray (suction valve/blower valve)			Change the air valve drive solenoid position to adjust the air valve open/close angle.
				(3)	No. 3 tray (suction valve/blower valve)			Change the air valve drive solenoid position to adjust the air valve open/close angle.
		B	Air pressure adjustment, check	(1)	No. 1 tray	a	Suction air pressure check, adjustment	Use SIM 6-2 to rotate the suction fan, check the air pressure, and change the air pressure adjustment plate position.
						b	Blower air pressure check	Use SIM 6-2 to rotate the blower fan and check the air pressure.
				(2)	No. 2 tray	a	Suction air pressure check, adjustment	Use SIM 6-2 to rotate the suction fan, check the air pressure, and change the air pressure adjustment plate position.
						b	Blower air check	Use SIM 6-2 to rotate the blower fan and check the air pressure.
				(3)	No. 3 tray	a	Suction air pressure check, adjustment	Use SIM 6-2 to rotate the suction fan, check the air pressure, and change the air pressure adjustment plate position.
						b	Blower air pressure check	Use SIM 6-2 to rotate the blower fan and check the air pressure.
		C	No. 1 tray paper size adjustment					Change the paper size adjustment plate position to adjust.
		D	No. 1 tray paper size setting					User SIM 26-2 to set the paper size.
		E	Tray horizontal adjustment	(1)	No. 2 tray			Change the tray lift wire fixing plate position to adjust.
				(2)	No. 3 tray			Change the tray lift wire fixing plate position to adjust.
		F	Lift tray stop position adjustment (Paper feed belt/paper clearance adjustment)	(1)	No. 1 tray			Change the paper empty detector detecting position to adjust.
				(2)	No. 2 tray			Change the paper empty detector detecting position to adjust.
				(3)	No. 3 tray			Change the paper empty detector detecting position to adjust.
		G	Manual feed multi paper feed roller pressure adjustment					Change the manual multi paper feed roller drive solenoid position to adjust.
		H	Cassette paper feed roller pressure adjustment					Change the cassette paper feed roller drive solenoid position to adjust.
		I	Manual paper feed tray paper size detection level adjustment					Use SIM 40-2 to adjust.
		J	Paper empty judgement condition adjustment	(1)	No. 1 tray (not necessary)			
				(2)	No. 2 tray			Use SIM 26-8B to adjust.
				(3)	No. 3 tray			Use SIM 26-8C to adjust.
		K	Paper resist pressure adjustment	(1)	Manual paper feed unit			Use SIM 51-2A to adjust.
				(2)	No. 1 tray			Use SIM 51-2B to adjust.
				(3)	No. 2 tray			Use SIM 51-2C to adjust.
				(4)	No. 3 tray			Use SIM 51-2D to adjust.
				(5)	Paper cassette			Use SIM 51-2E to adjust.
				(6)	Duplex unit			Use SIM 51-2G to adjust.

No.	Item	Content						Method
2	Paper feed, transport section	L	Separation pawl operating timing adjustment					Use SIM 51-1 to adjust.
		M	Adjustment of paper stop position in front of the resist roller					Use SIM 51-4 to adjust.
3	Optical section	A	Part installing position adjustment	(1)	Scanner drive wire tension adjustment			Turn the scanner drive wire tension adjustment screw to adjust.
				(2)	Scanner unit parallelism adjustment			Change the fixing position of No. 1 scanner and No. 2 scanner unit for the drive wire.
				(3)	No. 4/5 mirror unit angle adjustment			Change the fixing position of No. 4/5 mirror unit slide shaft fixing angle. (Normally it must not be touched.)
				(4)	Lens unit angle adjustment			Change the fixing position of the lens unit slide shaft fixing angle. (Normally it must not be touched.)
		B	Copy quality adjustment	(1)	Image distortion adjustment	a	Horizontal image distortion adjustment	Change the relative position of the scanner unit drive wire nd the scanner drive wire pulley.
						b	Vertical image distortion balance adjustment	Change the scanner rail left-right balance height.
						c	Vertical image distortion adjustment	Change the height balance of No. 4/5 mirror unit. (Turn the No. 4/5 mirror unit roller height adjustment screw.)
				(2)	Copy image center position adjustment	a	When the manual paper feed unit is used	Change the manual paper feed unit position back and forth.
						b	When the paper feed cassette is used	Change the paper feed cassette and the paper width seize adjustment plate base positions back and forth.
						c	When the paper feed unit is used	Change the paper feed tray position back and forth.
						d	When the duplex unit is used	Change the duplex unit position back and forth.
						e	In the RADF copy mode	Change the original tray unit position back and forth.
						f	In all copy modes	Slide the lens unit optical axis vertically. (Use this method only when the copy image center position cannot be adjusted by procedures a - e.)
				(3)	Focus adjustment	I	Focus adjustment value input	(Adjustment without copying)
						a	Normal copy focus adjustment value input	Input the set value of SIM 48-3-48D.
						b	Enlargement copy focus adjustment value input	Input the set value of SIM 48-3-48F.
						c	Reduction copy focus adjustment value input	Input the set value of SIM 48-3-48E.
						II	Focus adjustment	(Adjustment with copying)
						a	Normal copy focus adjustment	Change the set value of SIM 48-1-48D
						b	Enlargement copy focus adjustment	Change the set value of SIM 48-1-48F.
						c	Reduction copy focus adjustment	Change the set value of SIM 48-1-48E.

No.	Item	Content						Method
3	Optical section	B	Copy quality adjustment	(4)	Vertical copy magnification ratio adjustment	I	Vertical direction copy magnification ratio adjustment value input	(Adjustment without copying)
						a	Vertical direction copy magnification ratio adjustment value input (Normal)	Change the set value of SIM 48-3-48A.
						b	Vertical direction copy magnification ratio adjustment value input (Enlargement)	Change the set value of SIM 48-3-48C.
						c	Vertical direction copy magnification ratio adjustment value input (Reduction)	Change the set value of SIM 48-3-48B.
						II	Vertical copy magnification ratio adjustment	(Adjustment with copying)
						a	Vertical copy magnification ratio adjustment (Normal)	Change the set value of SIM 48-1-48A.
						b	Vertical copy magnification ratio adjustment (Enlargement)	Change the set value of SIM 48-1-48C.
						c	Vertical copy magnification ratio adjustment (Reduction)	Change the set value of SIM 48-1-48B.
				(5)	Horizontal (paper transport direction) copy magnification ratio adjustment			Change the set value of SIM 48-1. (Press the pause key to turn on the pause lamp.)
				(6)	Uniformity adjustment			Change the exposure adjustment plate position.
				(7)	Image loss, void area adjustment	a	Image lead edge reference position adjustment	Change the set value of SIM 50-1-50A.
						b	Resist roller ON timing adjustment	Change the set value of SIM 50-1-50B.
						c	Brake clutch OFF timing adjustment	Change the set value of SIM 50-1-50C. (Set to the default value "10.")
						d	Void area adjustment (Lead edge/rear edge)	Change the set values of SIM 50-1-50D, and -50E.
				(8)	Blank lamp position adjustment			Change the blank lamp unit position back and forth.
4	Image forming section	A	OPC drum unit	(1)	OPC drum sensitivity adjustment			Set SIM 26-7 according to the sensitivity No. of the installed OPC drum.
		B	Charger unit	(1)	Transfer charger current adjustment			Use SIM 8-6 to adjust the output current.
				(2)	Transfer pre-discharge charger current adjustment			Change the set value of SIM 8-5 to adjust the output current.
				(3)	Main charger current balance adjustment	a	Manual copy mode main charger current balance adjustment	Execute SIM 8-2 and turn the main charger unit current balance adjustment screw to adjust the current balance.
				(4)	Main charger voltage adjustment	a	Manual copy mode main charger voltage adjustment	Change the set value of SIM 8-2A to adjust the output voltage.
						b	Photo copy mode main charger voltage adjustment	Change the set value of SIM 8-2B to adjust the output voltage.
						c	Toner save mode main charger voltage adjustment	Change the set value of SIM 8-2C to adjust the output voltage.
				(5)	Separation charger voltage adjustment			Change the set value of SIM 8-7 to adjust the output voltage.
		C	Cleaner unit	(1)	Cleaning blade position adjustment			Change the cleaning blade position adjustment plate position to adjust.
		D	Developing unit	(1)	Doctor gap adjustment			Adjust the doctor position.
				(2)	Developing roller main pole position adjustment			Adjust the developing roller main pole position adjustment plate position.
				(3)	Developing bias voltage adjustment			Adjust the VR on the high voltage PWB to adjust the output voltage.
				(4)	Toner concentration adjustment			Use SIM 25-2 to set the initial density.
		E	Waste toner collection unit	(1)	Waste toner full detection level adjustment			Change the waste toner detecting spring tension adjustment nut position to adjust.

No.	Item	Content						Method
5	Fusing, paper exit section	A	Fusing guide position adjustment					Change the screw position in front of the fusing section.
		B	Fusing temperature setting					Set SIM 43-1 according to the destination specification temperature.
		C	Fusing pressure setting					Change the fusing pressure adjustment screw position.
		D	Curl correction amount adjustment					Rotate the curl correction knob to adjust.
		E	Switchback gate A position adjustment					Change the switchback gate A solenoid position to adjust.
		F	Fusing roller rotating speed adjustment					Change the set value of SIM 43-3 to adjust. (Default: 2)
6	Switchback section	A	Switchback gate B position adjustment					Change the switchback gate B solenoid position to adjust.
7	Duplex section	A	Air pressure check, adjustment			a	Suction air pressure check, adjustment	Use SIM 6-2 to rotate the suction fan, check the air pressure, and change the air pressure adjustment plate position.
						b	Blower air pressure check, adjustment	Use SIM 6-2 to rotate the blower fan and check the air pressure.
		B	Paper width alignment plate position adjustment					Change the set value of SIM 52-1 to adjust.
		C	Paper vertical direction alignment plate position adjustment					Change the set value of SIM 52-2 to adjust.
8	RADF section	A	RADF horizontal (skew) adjustment					Change the RADF right hinge fixing position to adjust.
		B	RADF unit clearance adjustment					Change the RADF hinge section fixing plate and the magnet catch positions to adjust.
		C	Original stopper position adjustment	(1)	Original stopper operating angle adjustment			Change positions of the original stopper drive solenoid and the solenoid stopper to adjust.
				(2)	Original stopper clearance adjustment			Change the original stopper shaft fixing block position to adjust.
		D	RADF open/close switch operation position adjustment					Change the RADF open/close detection switch (microswitch) position to adjust.
		E	Sensor sensitivity adjustment	(1)	Resist sensor adjustment			Use SIM 53-3A to adjust. (Automatic adjustment)
				(2)	Timing sensor sensitivity adjustment			Use SIM 53-3B to adjust. (Automatic adjustment)
				(3)	Paper exit sensor sensitivity adjustment			Use SIM 53-3C to adjust. (Automatic adjustment)
				(4)	Paper width sensor sensitivity adjustment			Use SIM 53-3D to adjust. (Automatic adjustment)
		F	Original stop position adjustment	(1)	Normal paper surface mode original stop position adjustment			Change the set value of SIM 53-1A.
				(2)	Normal paper back mode original stop position adjustment			Change the set value of SIM 53-1B.
				(3)	Thin film surface mode original stop position adjustment			Change the set value of SIM 53-1C.
				(4)	Thin film back mode original stop position adjustment			Change the set value of SIM 53-1D.
				(5)	Normal paper step mode original stop position adjustment			Change the set value of SIM 53-1E.
				(6)	Thin film step mode original stop position adjustment			Change the set value of SIM 53-1F.
		G	Motor rotation speed adjustment	(1)	Paper exit motor rotation speed adjustment			Adjust VR1/VR2 on the RADF control PWB.
				(2)	Paper feed motor rotation speed adjustment			Adjust VR3/VR4 on the RADF control PWB.
				(3)	Transport motor rotating sensor phase adjustment			Change the transport motor rotating sensor position to adjust.
9	Original table section	A	Original size sensor adjustment					Use SIM 41-2 to adjust. (Automatic adjustment)
		B	Original size sensor switch adjustment					Adjust with the original size sensor switch actuator adjustment screw.
10	Power section	A	Power voltage adjustment					
		B	Overcurrent detection level adjustment					

No.	Item	Content						Method
11	Setting and adjustments on the picture quality correction system	A	Picture quality correction system operating mode setting					Set SIM 44-1 to 127.
		B	Main charger grid voltage correction reference density setting					Set SIM44-5 to 75.
		C	OPC drum correction counter reset					Reset with SIM 24-7. (When replacing the OPC drum)
		D	Main charger grid voltage correction, optical dirt correction reference values setting					When SIM 46 is executed, the initial brighteners level (reference level) of the optical system is automatically stored.
		E	Image density sensor sensitivity adjustment					Use SIM 44-3 to adjust the sensor sensitivity.
		F	Drum mark sensor sensitivity adjustment					Use SIM 44-2 to adjust the sensor sensitivity.
12	Copy density adjustment	A	AE sensor characteristics input					Use SIM 47 to store the relationship between the copy lamp light quantity and the AE sensor output.
		B	Copy density adjustment with SIM 46	(1)	Non-toner save mode	(1)	Manual copy mode copy density adjustment	Change the set value of SIM 46 to adjust the reference copy density level.
						(2)	Photo copy mode copy density adjustment	
						(3)	Auto copy mode copy density adjustment	
				(2)	Toner save mode	(1)	Manual copy mode copy density adjustment	Change the set value of SIM 46 to adjust the reference copy density level.
						(2)	Auto copy mode copy density adjustment	
		C	Copy density adjustment with key operator program	(1)	Non-toner save mode	(1)	Manual copy mode copy density adjustment	Change the set value of key operator program 20 to adjust the density level.
						(2)	Photo copy mode copy density adjustment	
						(3)	Auto copy mode copy density adjustment	
				(2)	Toner save mode	(1)	Manual copy mode copy density adjustment	
						(2)	Auto copy mode copy density adjustment	

1. Specification setting

Setting list

A	Destination setting			Set SIM 26-6 according to the destination.
B	Display language change			Change the display language by changing the data ROM on the display PWB.
C	Counter count mode setting	(1)	Maintenance cycle setting	Change the set value of SIM 21-1 to set the maintenance cycle.
		(2)	Copy count mode setting	Change the set value of SIM 26-5 to set the copy count mode.
D	Option setting	(1)	Option selection	Set SIM 26-1 according to the option use conditions.
		(2)	Auditor type selection	Set SIM 26-3 according to the auditor specifications.
E	Power save mode/power shut down setting			Change the set value of SIM 26-26 to select between the power save mode and the power shut down mode.
F	Toner save mode setting			Change the set value of SIM 26-18 (key operator program 22) to set valid/inhibit of the toner save mode.

A. Destination setting

When the destination setting is changed, the following items will be changed.

- ∗ Original size detection function
- ∗ Energy saving function mode
- ∗ Default copy mode
- ∗ Toner save mode
- ∗ Key operator program 80/48 (Japan only)
- ∗ Standard paper kinds (AB series, inch series)
- ∗ Display language (The data ROM corresponding to the destination must be installed to the operation control PWB unit.)

1) Enter the SIM 26-6 mode.

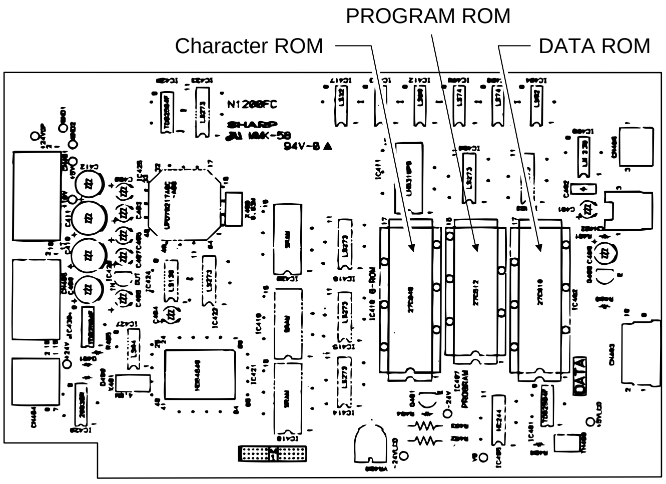
```
SIMULATION NO.26-6
SELECT DESTINATION
[INCH]
1. USA (SEC)    2. CANADA (SECL)   3. OTHER
[AB (B5)/100V]
4. JAPAN/15A    5. JAPAN/20A
[AB (B5)/200V]
6. EUROPE(SEEG) 7. U.K.(SUK)  8. AUSTRALIA(SCA)
9. OTHER
[AB (B5)/200V]
10. OTHER
```

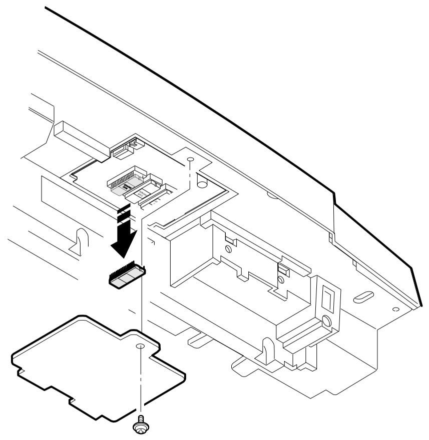
2) Enter the number corresponding to the destination with the 10-key pad, and press the START button.

B. Language display change

The LCD display is made in the language corresponding to the destination. To change this language, the data ROM on the operation control PWB unit must be replaced.

After replacing the data ROM, set the destination specifications with SIM 26-6.





1) Remove the data ROM from the operation control PWB unit, and install the data ROM of the language you desire.

Language	Data ROM part code	Mark
Japanese	VHI27C01072FC	JPN
English	VHI27C01073FC	ENG
German	VHI27C01074FC	GER
French	VHI27C01075FC	FRE
Spanish	VHI27C01076FC	SPA

2) Enter the SIM 26-6 mode.

3) Enter the number corresponding to the destination with the 1o-key pad, and press the START button.

C. Counter count mode setting

(1) Maintenance cycle setting

1) Enter the SIM 21-1 mode.

```
SIMULATION NO. 21
INPUT 1~2

1. MAINTENANCE CYCLE SETTING
2. (NO PROGRAM)
```

2) Enter the number corresponding to the maintenance cycle with the 10-key pad and press the START button.

(2) Copy count mode setting

Double (2) count up or single (1) count up is selected when a copy is made on A3 or 11 × 17" paper. It corresponds to the total counter and the maintenance counter.

1) Enter the SIM 26-5 mode.

```
SIMULATION NO. 26-5
COUNTER MODE SETUP

CODE    TOTAL    COUNTMAINTE COUNT
  0    DOUBLE   COUNTDOUBLE COUNT
  1    SINGLE   COUNTDOUBLE COUNT
  2    DOUBLE   COUNTSINGLE COUNT
  3    SINGLE   COUNTSINGLE COUNT

PLEASE SELECT BY
10-KEY PAD.
```

2) Enter the number corresponding to the count mode with the 10-key pad, and press the START button.

D. Option setting

When an option is installed or removed, the option setting and the operation mode setting must be performed or canceled.

If this setting is not made properly, the error message is displayed.

(1) Option selection

1) Enter the SIM 26-1 mode.

```
SIMULATION NO.26-1
SORTER/STAPLE SORTER SETTING?

  0.NO SORTER
  1.SF-S55
  2.SF-S53/S16
  3.SF-S55(DISABLE AUTO FRONT ACCESS)
    (WHEN FEEDING FROM BYPASS-TRAY.)
```

Set value	Content
0	Without sorter
1	With SF-S55 installed
2	With SF-S53 or SF-S16 installed
3	With SF-S55 installed (to inhibit automatic front take-up of paper in manual paper feed [useful to load thin films on the manual feed tray])

2) Enter the number corresponding to the installed option with the 10-key pad, and press the START button.

(2) Auditor type selection

1) Enter the SIM 26-3 mode.

```
SIMULATION NO. 26-3
INPUT 1~4

1. P10 (500)
2. P10 (3100)
3. SF-EA11
4. OTHER
```

2) Enter the number corresponding to the auditor type, and press the START button.

E. Power save mode setting

This setting is to select the power save mode after a certain time from entering the remaining heat mode or the power shut down mode or the power save mode after passing a certain time from turning on the power switch.

Remaining heat mode:

In this mode, the fusing control temperature is lowered from 200/(∗1) 205˚C of the copy mode to 160/150/180˚C (∗2) of the standby mode.
Therefore, the power consumption is reduced. This function is available in all the destinations.

Power shut down:

The power switch is forcibly turned off to cut all power. To supply power, turn on the power switch.
When a certain time passes from stopping the copy operation, the machine enters the remaining heat mode.

The time can be voluntarily set with the user program 31.

The power shut down mode has two operation modes, which can be selected with SIM 26-26.

(When SIM 26-26 is set to 0)

After a certain time from stopping the copy operation, the machine enters the power shut down state.

The time can be voluntarily set with the user program 21.

(When SIM 26-26 is set to 1)

After a certain time from turning on the power, the machine enters the power shut down state.

The time can be voluntarily set with the user program 21.

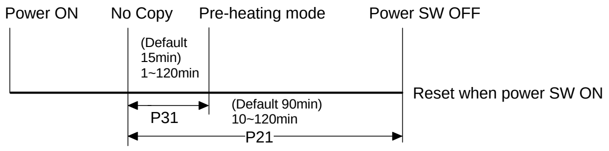
For the area of EnergyStar, the default copy mode is single → Duplex copy mode.

∗1: 205˚C for Japan 15A specification

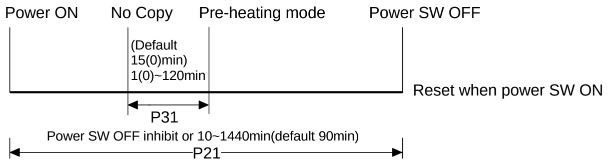
∗2: 160˚C for the areas of EnergyStar (Except for USA/Japan)
150˚C for the areas of EnergyStar (USA/Japan)
When SIM 26-26 is set to 1 with Japan 15A specification, the temperature is 180˚C.

(Note) Change to the power save mode only when the user requests it.

(SIM 26-26 set value 0)


Power ON
No Copy
Pre-heating mode
Power SW OFF
(Default 15min) 1~120min
Reset when power SW ON
P31
(Default 90min) 10~120min
P21

(SIM 26-26 set value 1)


Power ON
No Copy
Pre-heating mode
Power SW OFF
(Default 15(0)min) 1(0)~120min
Reset when power SW ON
P31
Power SW OFF inhibit or 10~1440min(default 90min)
P21

SIM 26-26			
Set value = 0 NO COPY → Power OFF		Set value = 1 Power ON → Power OFF	
Power shut down set time		Power shut down set time	
User program P21		User program P21	
Default (min)	Set range (min)	Default (min)	Set range (min)
90	1 ~ 120	0	0 ~ 1440
Pre-heat mode set time			
User program P31		User program P31	
Default (min)	Set range (min)	Default (min)	Set range (min)
15∗	1 ~ 120∗	0∗	0 ~ 120∗

∗: When the set value is 0, the mode is not operated.

1) Enter the SIM 26-26 mode.

```
SIMULATION NO. 26-26
POWER OFF MODE SETTING (AUTO SHUT-OFF SELECTION)

0. PREHEAT→ POWER OFF (AUTO POWER SHUT OFF TIMER)
1. POWER SW ON→ POWER OFF (POWER OFF TIMER)
```

2) Enter the number to select the power save mode after a certain time from entering the remaining heat mode or the power shut down mode or the power save mode after passing a certain time from turning on the power switch, and press the START button.

F. Toner save mode setting

Use SIM 26-18 or the key operator program 22 to set the toner save mode valid/inhibit.

SIM 26-18 or the key operator program 22 is used depending on the destination setting (SIM 26-6). (Refer to SIM 26-6.)

1) Enter the SIM 26-18 mode or the key operator program 22 mode.

```
SIMULATION NO. 26-18
TONER SAVE MODE SETTING
0. NO           1. YES
```

2) Enter the number of the corresponding mode with the 10-key pad, and press the START button.

2. Paper feed, paper transport section

Adjustment list

	Content					Method
A	Air valve position adjustment	(1)	No. 1 paper feed tray (suction valve, blower valve)			Change the air valve drive solenoid position to adjust the air valve open/close angle.
		(2)	No. 2 paper feed tray (suction valve, blower valve)			Change the air valve drive solenoid position to adjust the air valve open/close angle.
		(3)	No. 3 paper feed tray (suction valve, blower valve)			Change the air valve drive solenoid position to adjust the air valve open/close angle.
B	Air pressure adjustment, check	(1)	No. 1 paper feed tray	a	Suction air pressure check, adjustment	Use SIM 6-2(1) to rotate the suction fan and check the pressure. Change the air pressure adjusting plate position to adjust.
				b	Blower air pressure check, adjustment	Use SIM 6-2(1) to rotate the blower fan and check the pressure.
		(2)	No. 2 paper feed tray	a	Suction air pressure check	Use SIM 6-2(2) to rotate the suction fan and check the pressure. Change the air pressure adjusting plate position to adjust.
				b	Blower air pressure check	Use SIM 6-2(2) to rotate the blower fan and check the pressure.
		(3)	No. 3 paper feed tray	a	Suction air pressure check, adjustment	Use SIM 6-2(3) to rotate the suction fan and check the pressure. Change the air pressure adjusting plate position to adjust.
				b	Blower air pressure check, adjustment	Use SIM 6-2(3) to rotate the blower fan and check the pressure.
C	No. 1 tray paper size adjustment					Change the paper size adjusting plate position to adjust.
D	No. 1 tray paper size setting					Set SIM 26-2 according to the paper size.
E	Tray horizontal level adjustment	(1)	No. 2 paper feed tray			Change the tray lift wire fixing plate installing position to adjust.
		(2)	No. 3 paper feed tray			Change the tray lift wire fixing plate installing position to adjust.
F	Lift tray stop position adjustment (paper feed belt - paper clearance adjustment)	(1)	No. 1 paper feed tray			Change the paper empty detector position to adjust.
		(2)	No. 2 paper feed tray			Change the paper empty detector position to adjust.
		(3)	No. 3 paper feed tray			Change the paper empty detector position to adjust.
G	Manual multi paper feed pick-up roller adjustment					Change the manual multi paper feed roller drive solenoid position to adjust.
H	Cassette paper feed pick-up roller adjustment					Change the cassette paper feed roller drive solenoid position to adjust.
I	Manual paper feed tray paper size detection level adjustment					Use SIM 40-2 to adjust.
J	Paper empty judge condition adjustment	(1)	No. 1 paper feed tray			Not necessary.
		(2)	No. 2 paper feed tray			Change the set value of SIM 26-8B to adjust.
		(3)	No. 3 paper feed tray			Change the set value of SIM 26-8C to adjust.
K	Paper resist pressure (quantity) adjustment	(1)	Manual paper feed tray			Change the set value of SIM 51-2A to adjust.
		(2)	No. 1 paper feed tray			Change the set value of SIM 51-2B to adjust.
		(3)	No. 2 paper feed tray			Change the set value of SIM 51-2C to adjust.
		(4)	No. 3 paper feed tray			Change the set value of SIM 51-2D to adjust.
		(5)	Paper cassette			Change the set value of SIM 51-2E to adjust.
		(6)	Duplex unit			Change the set value of SIM 51-2G to adjust.
L	Separation pawl operating timing adjustment					Change the set value of SIM 51-1 to adjust.
M	Paper stop position in front of resist roller adjustment					Change the set value of SIM 51-4 to adjust.

A. Air valve position adjustment

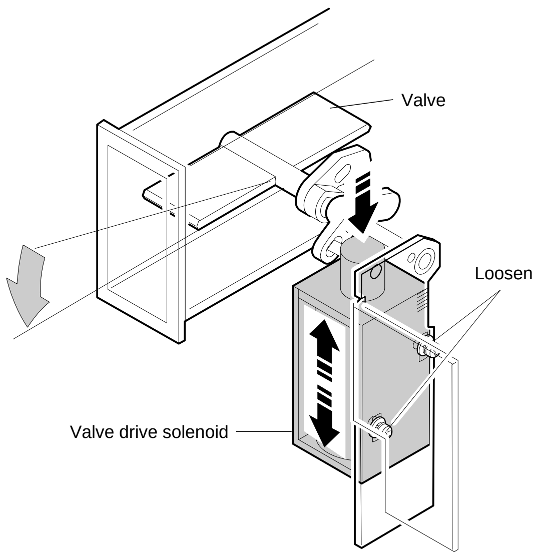
The air valve position is adjusted by changing the air valve drive solenoid position.

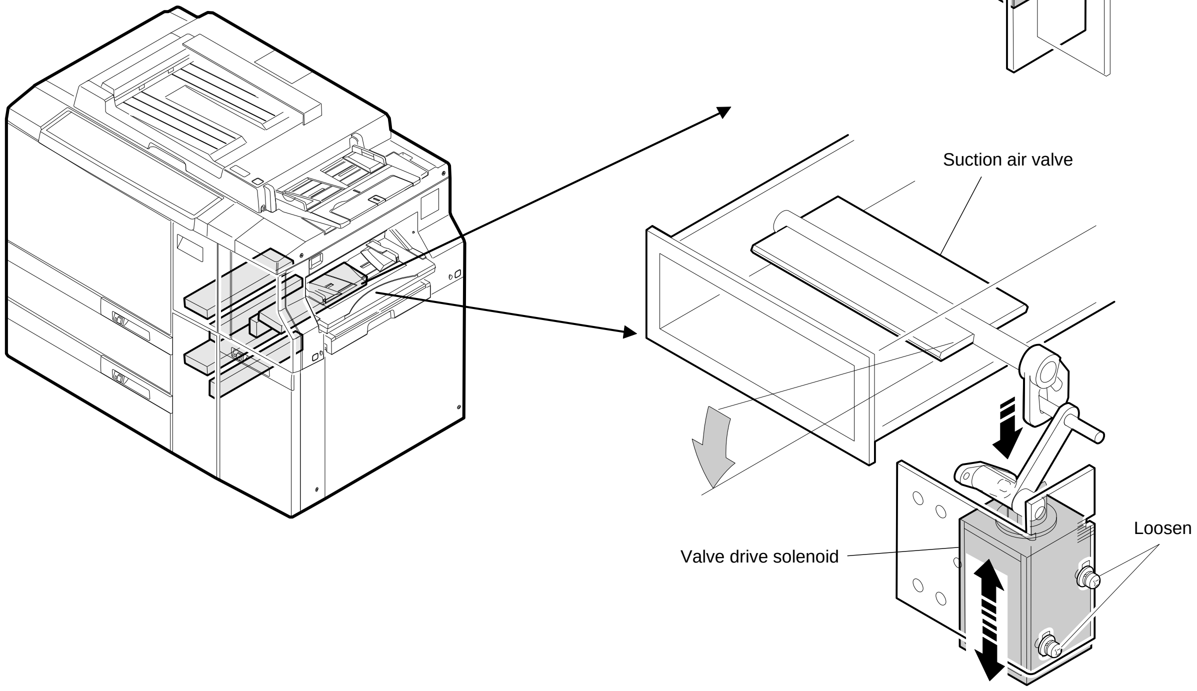
This adjustment is performed for the suction air valve and the blower air valve in each of No. 1, 2, 3 paper feed tray units/ The adjusting procedure is the same in each unit.

Change the air valve drive solenoid position to adjust so that

when the air valve drive solenoid is manually turned on, the valve is fully opened (the valve surface is in parallel with the duct); and when the air valve drive solenoid is turned off, the valve is closed (the valve surface is vertical to the duct).

If this adjustment is improper, air pressure becomes insufficient, causing misfeed and paper jams.



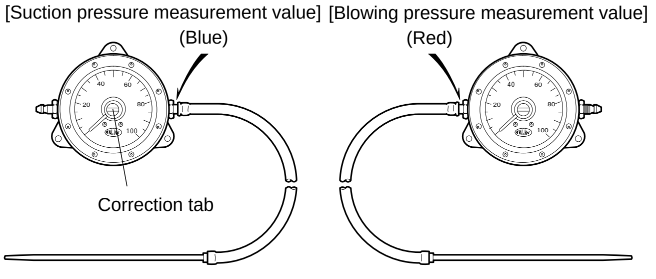


B. Air pressure adjustment, check

This adjustment/check is performed for the suction unit and the blower unit in each of No. 1, 2, 3 paper feed tray units. The adjusting procedure is the same in each unit.

To adjust and check the air pressure, the air pressure meter (with tube) and the nozzle are required.

Air pressure meter (with tube):	UKOG-0178FCZZ
Nozzle:	UKOG-0179FCZZ

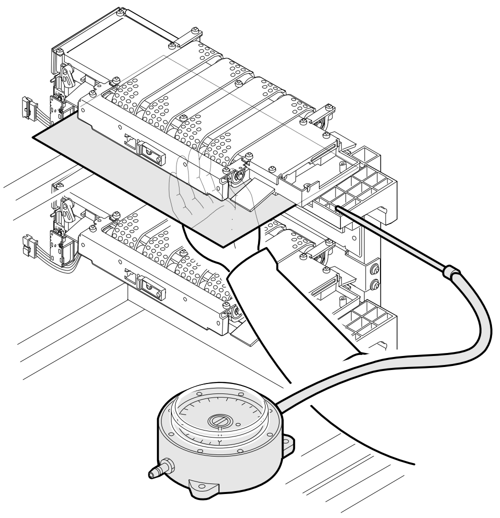

[Suction pressure measurement value]
(Blue)
[Blowing pressure measurement value]
(Red)
Correction tab

a. Suction air pressure check, adjustment

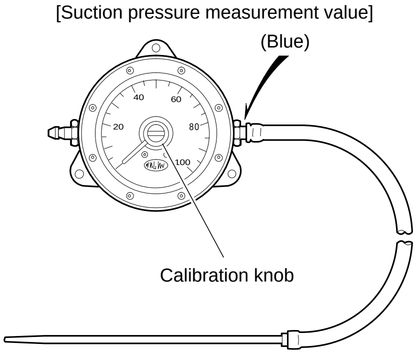
1) Attach the nozzle to the tube, and connect the opposite side to the suction pressure measuring port (blue) of the air pressure meter.
2) Perform calibration of the air pressure meter.
   (Turn the calibration knob and fit the air pressure meter needle to the zero position.)
3) With the front cabinet open, manually turn on the cabinet open/close detection switch.
4) Pull out the target paper feed tray (the air pressure of which is checked and adjusted).
5) Enter the SIM 6-2 mode, and select the number corresponding to the target paper feed tray unit, and press the START button.
   (The suction fan motor and the blower fan motor rotate, and the suction valve and the blower valve of the selected paper feed tray unit are opened.)

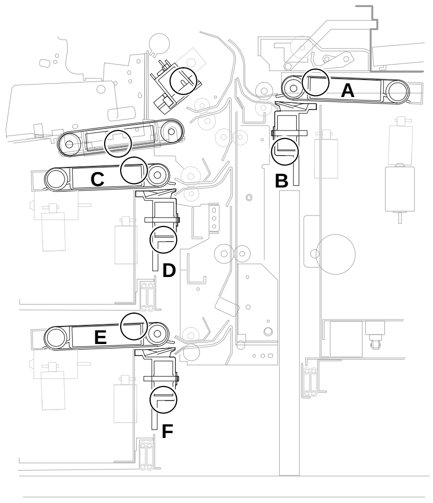
```
SIMULATION NO. 6-2
INPUT 1~6

1. TRAY1    (TVVS1, TBVS1, TVFM, TBFM)
2. TRAY2    (TVVS2, TBVS2, TVFM, TBFM)
3. TRAY3    (TVVS3, TBVS3, TVFM, TBFM)
4. DUPLEX   (DVVS, TVFM, TBFM, DBFM)
5. FAN ONLY (TVFM, TBFM, DBFM)
6. ALL FAN ON
```

6) Put A4 (11 × 8.5") paper onto the suction belt. (The paper is sucked.)

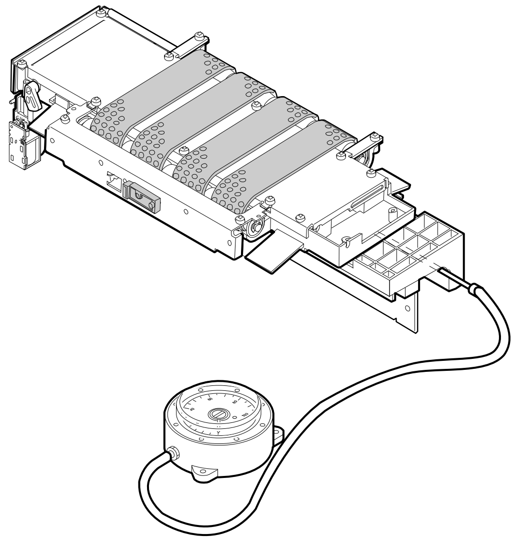


7) Insert the nozzle into the suction air pressure measurement hole, and check the air pressure.
   If the suction air pressure is within the range of 11 ~ 21mmH2O, it is normal.


[Suction pressure measurement value]
(Blue)
Calibration knob



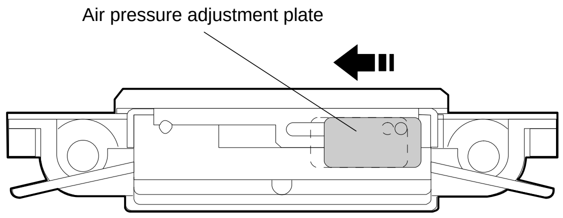
A, C, E - Suction unit
B, D, F - Blower unit



If the suction air pressure is excessive, misfeed may be caused. If insufficient, double feed may be caused.

The suction air pressure can be adjusted by changing the pressure adjusting plate position. However, changing the plate position may vary the air pressure. After changing the pressure adjusting plate, therefore, be sure to check the air pressure of the blower and the other unit.

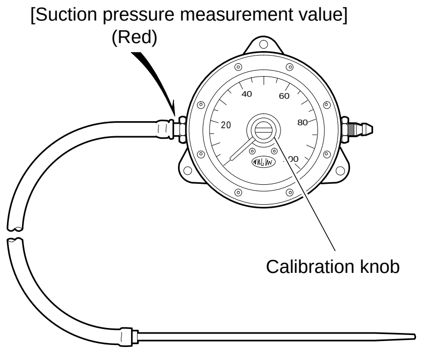
Adjust the suction air pressure according to the kind of paper to be used.


Air pressure adjustment plate

Perform the above check and adjustment for the suction unit of each paper feed tray unit.

b. Blower air pressure check

1) Attach the nozzle to the tube, and connect the opposite side to the air pressure measuring port (red) of the air pressure meter.


[Suction pressure measurement value]
(Red)
Calibration knob

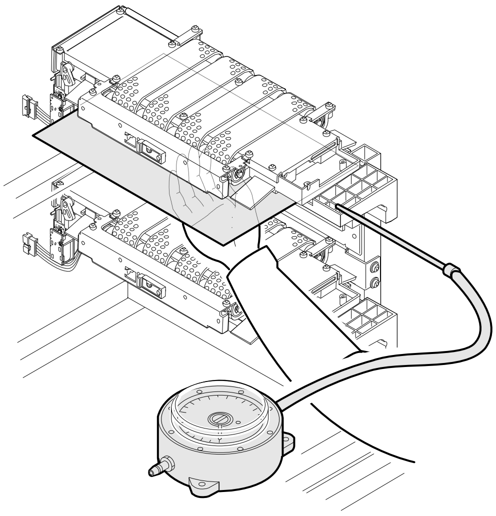
2) Perform calibration of the air pressure meter.
   (Turn the calibration knob and fit the air pressure meter needle to the zero position.)
3) With the front cabinet open, manually turn on the cabinet open/close detection switch.

4) Pull out the target paper feed tray (the air pressure of which is checked and adjusted).

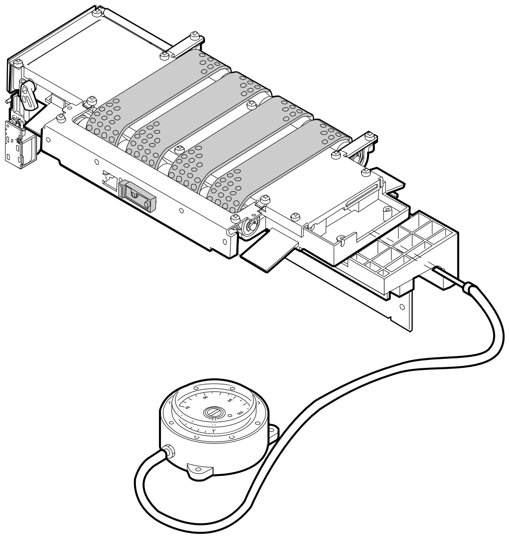
5) Enter the SIM 6-2 mode, and select the number corresponding to the target paper feed tray unit, and press the START button.
(The suction fan motor and the blower fan motor rotate, and the suction valve and the blower valve of the selected paper feed tray unit are opened.)

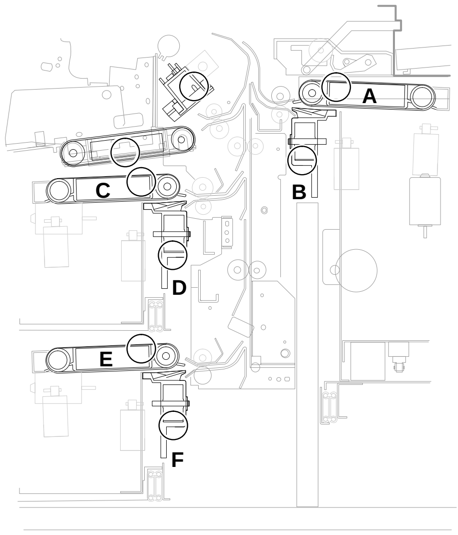
```
SIMULATION NO. 6-2
INPUT 1~6

1. TRAY1    (TVVS1, TBVS1, TVFM, TBFM)
2. TRAY2    (TVVS2, TBVS2, TVFM, TBFM)
3. TRAY3    (TVVS3, TBVS3, TVFM, TBFM)
4. DUPLEX   (DVVS, TVFM, TBFM, DBFM)
5. FAN ONLY (TVFM, TBFM, DBFM)
6. ALL FAN ON
```

6) Put A4 (11 × 8.5") paper onto the suction belt. (The paper is sucked.)



7) Insert the nozzle into the blower air pressure measurement hole, and check the air pressure.
If the blower air pressure is within the range of 38 ~ 52mmH2O, it is normal.





A, C, E - Suction unit
B, D, F - Blower unit

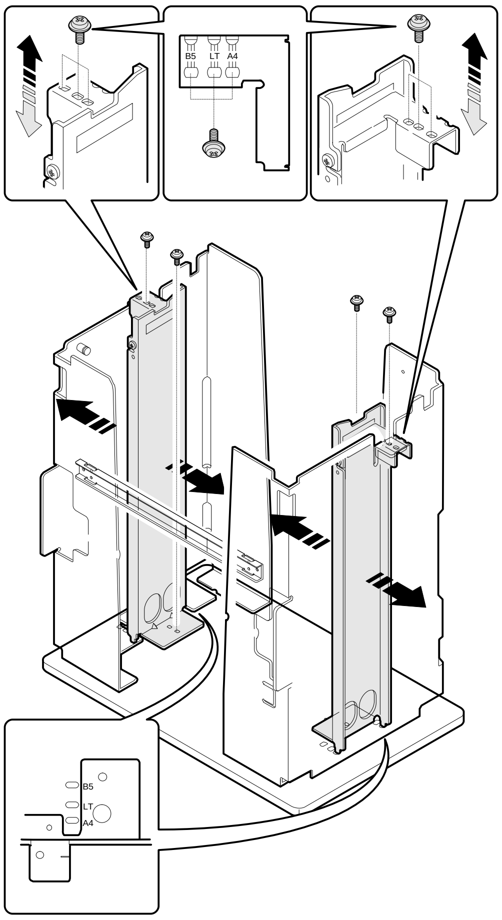
If the blower air pressure is excessive, double feed may be caused. If insufficient, misfeed may be caused.

Perform the above check and adjustment for the blower unit of each paper feed tray unit.

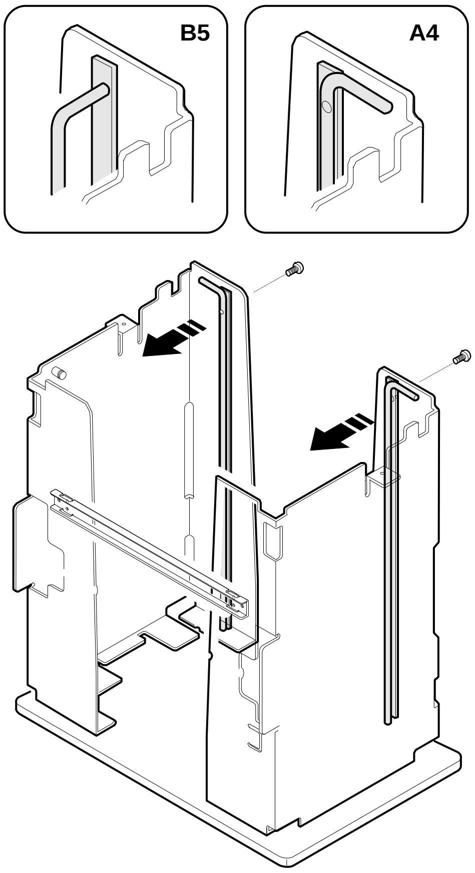
C. No. 1 tray paper size adjustment

1) Pull out No. 1 tray.

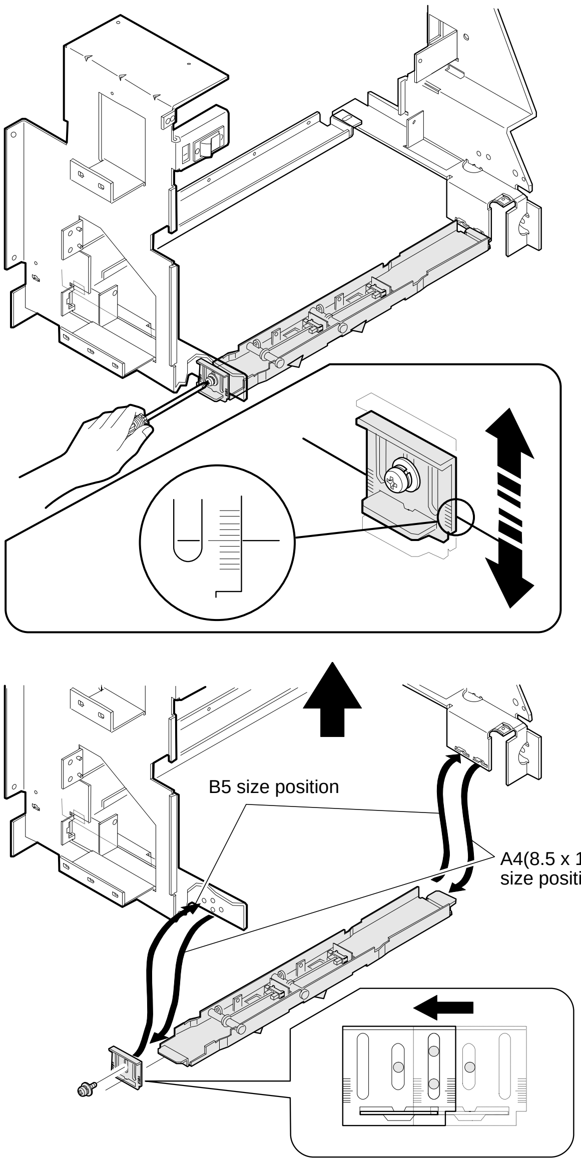
2) Adjust the paper width guide plate position according to the paper width.



3) Adjust the paper length guide bar attachment position according to the paper length.



4) Adjust the paper empty detector fixing plate attachment position according to the paper size.



(Note) After changing the paper size, be sure to set the new paper size with SIM 26-2.

D. No. 1 paper feed tray paper size setting

Since No. 1 paper feed tray has no function of paper size detection, the paper size must be registered (set) with the simulation.

1) Enter the SIM 26-2 mode.

```
SIMULATION NO. 26-2

[TRAY1SIZESETUP]  INPUT (1~3)
1.8½x11"      2.A4      3.B5
```

2) Select the paper size which corresponds to No. 1 paper feed tray paper size which was mechanically set with the 10-key pad, and press the START button.
   The list for selection of paper sizes is composed of two parts. Select each part with the scroll keys.

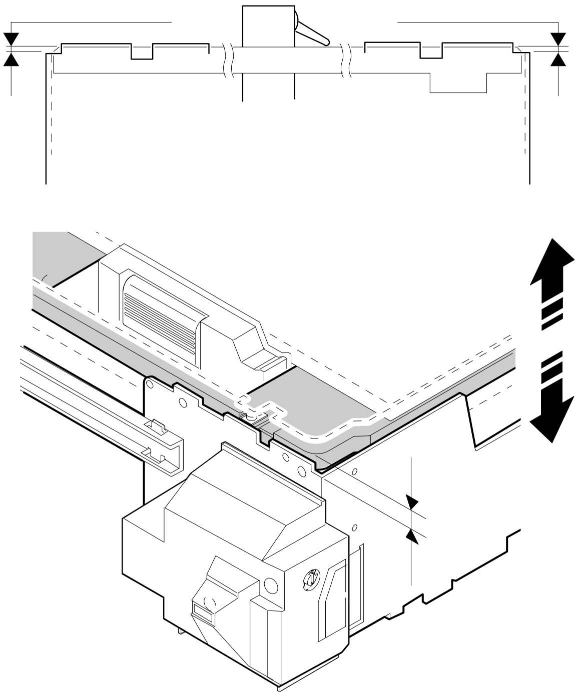
E. Tray horizontal level adjustment

This adjustment is performed to level the paper feed belt surface for the paper surface and to allow the suction belt to suck paper smoothly and to perform paper feed properly.

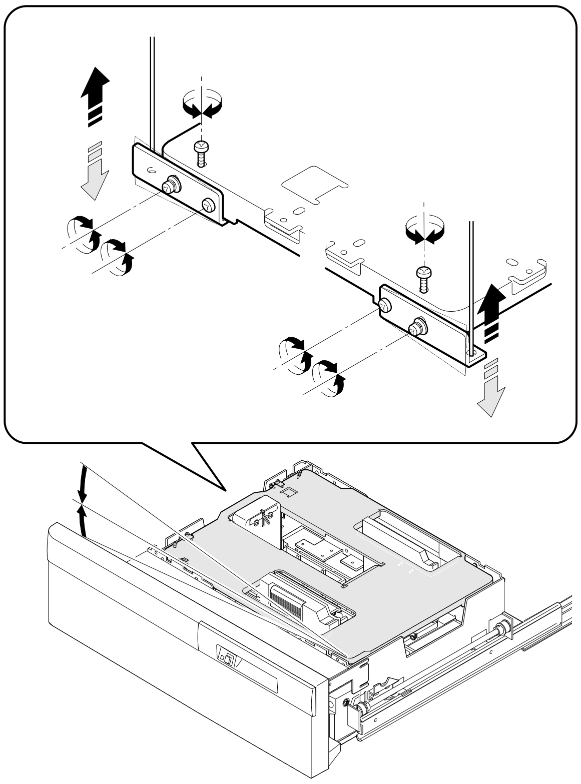
If this adjustment is not performed properly, troubles such as misfeed, double feed, paper jam, and skew may occur.

(1) No. 2 paper feed tray

1) Set a sheet of paper on the tray, and close the tray.
2) Check that the tray is lifted and stopped at the paper feed position, then manually pull out the tray.
3) Measure the distances between the four edges of the tray frame and the tray upper surface, and check that the difference is within 1.0mm. If the difference exceeds the above range, perform the following procedures.



4) Loosen the fixing screw of the paper tray lift wire hook angle.



5) Turn the tray height adjustment screw to adjust the horizontal level.
   Repeat procedures 1) ~ 5) until item 3) is satisfied.
6) After completion of the adjustment, tighten the fixing screw of the paper tray lift wire hook angle.

   (Note) After completion of the tray horizontal level adjustment, be sure to perform the lift tray stop position adjustment (adjustment of the clearance between the paper feed belt and paper).

(2) No. 3 paper feed tray

Perform the same adjustment as that of No. 2 paper feed tray.

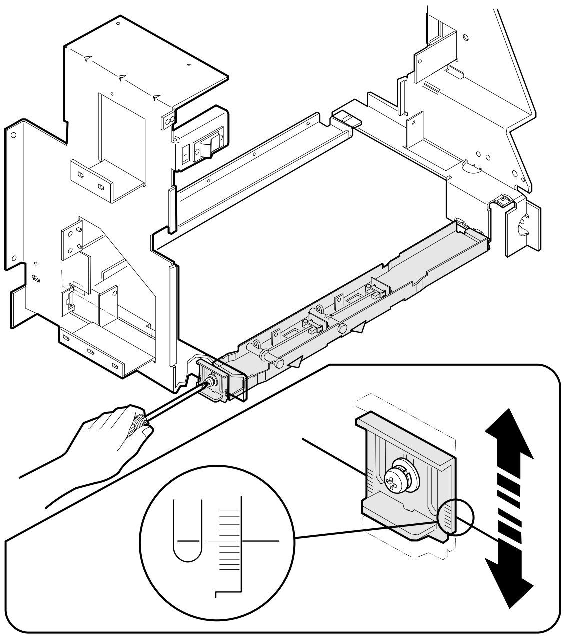
F. Lift tray stop position adjustment (adjustment of the clearance between the paper feed belt and paper)

This adjustment is performed to adjust the distance between the paper and the paper feed belt and to allow the suction belt to suck the paper smoothly for proper paper feed.

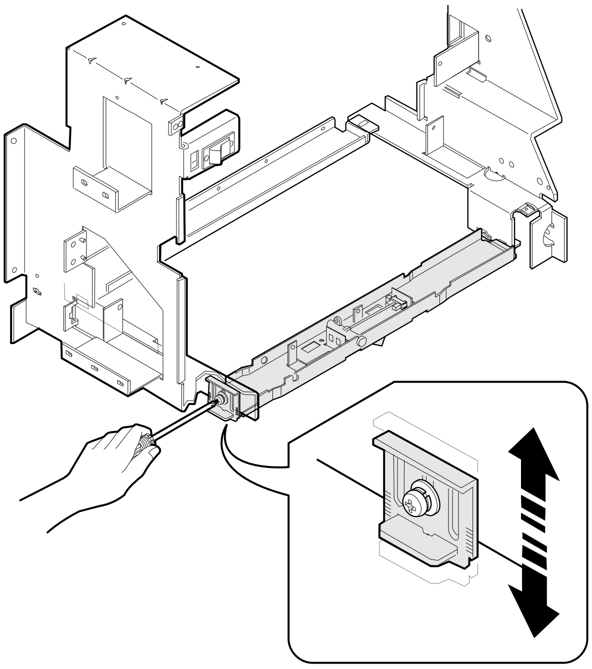
If this adjustment is not performed properly, troubles such as misfeed, double feed, and paper jams may occur.

(1) No. 1 paper feed tray

1) Set to the paper empty detector angle center. (Fit the center of the scale of the paper empty detector with the main body frame's lower edge and fix it.)

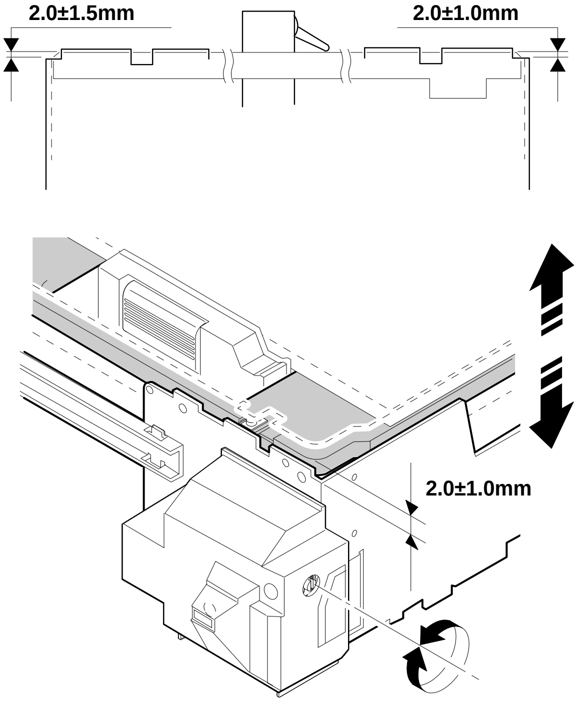


2) When double feed occurs, move it downward. When misfeed occurs, move it upward.

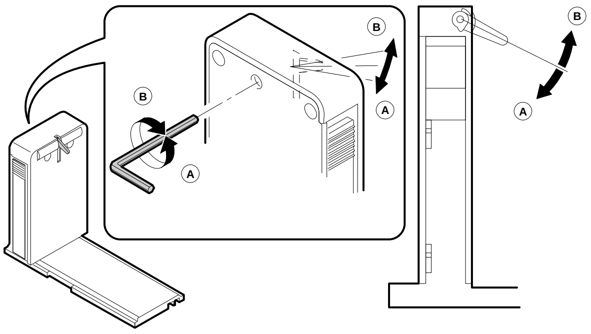


(2) No. 2 paper feed tray

1) Set a sheet of paper on the tray, and close the tray.
2) Check that the tray is lifted and stopped at the paper feed position, then manually pull out the tray.
3) Measure the distances between the tray top surface and the tray frame edge is 2.0 ±1.0mm. If the distance exceeds the above range, perform the following procedures.



4) Turn the paper empty detector actuator operating position adjustment screw to change the operating position.
If the tray is too high, turn the adjustment screw counterclockwise, and if too low, turn it clockwise.
Repeat procedures 1) ~ 4) until item 3) is satisfied.

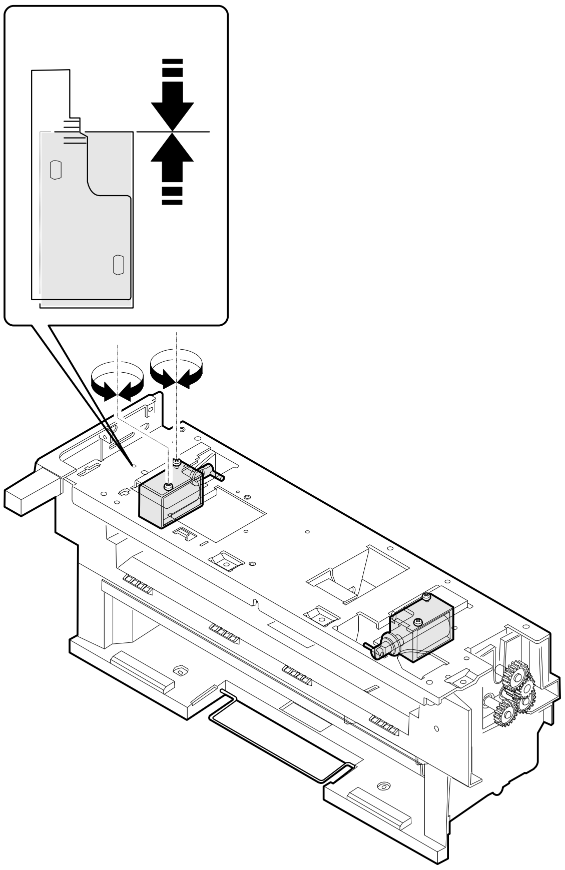


(3) No. 3 paper feed tray

Perform the same adjustment as that of No. 2 paper feed tray.

G. Manual multi paper feed pick-up roller pressure adjustment

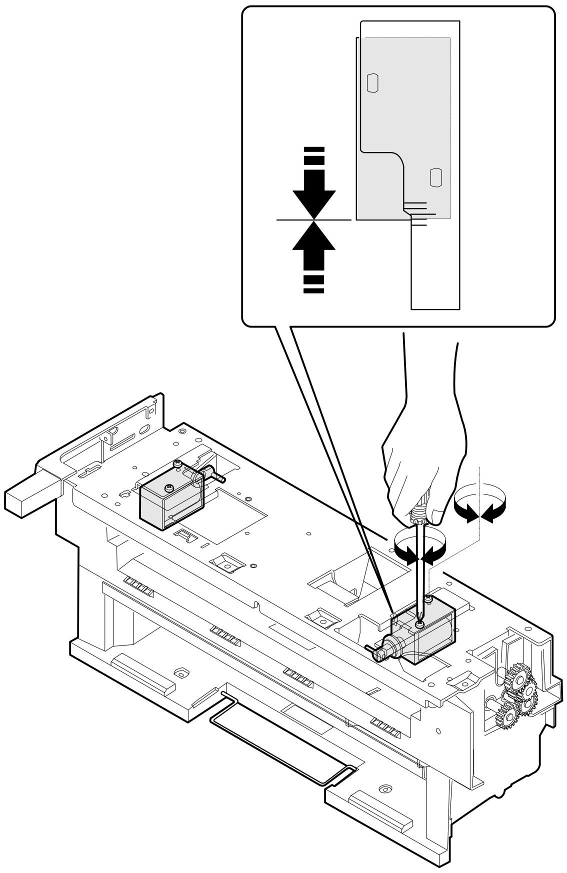
1) Fit the manual multi paper feed pick-up roller drive solenoid position as shown below and fix it.



If this adjustment is not performed properly, troubles such as misfeed, double feed, and skew may occur.

H. Cassette paper feed pick-up roller pressure adjustment

1) Adjust the cassette paper feed pick-up roller drive solenoid as shown below, and fix it.



If this adjustment is not performed properly, troubles such as misfeed, double feed, and skew may occur.

I. Manual multi paper feed tray paper size detection level adjustment

The manual multi paper feed tray paper size is judged by detecting

the change in the resistance (voltage) of the variable resistor.

The max. value (when the paper guide is extended fully) and the min. value (when the paper guide is retracted to the min. paper width) are registered, and the resistance (voltage) is automatically divided in the range.

The resistance (voltage) corresponding to the paper guide position is detected to calculate the paper size depending on the above registered values.

1) Enter the SIM 40-2 mode.

```
SIMULATION NO. 40-2
MANUAL TRAY PAPER SIZE DETECTION LEVEL
ADJUSTMENT

SET MANUAL TRAY GUIDE TO MAX WIDTH AND PRESS
START BUTTON.
```

2) Extend the paper guide to the max. paper width and press the START button. (The max. detection level is registered.)
3) Retract the paper guide to the min. paper width and press the START button. (Then min. detection level is registered.)

If an error message is displayed, check the paper size detection variable resistor and the detection circuit (main control PWB).

J. Paper empty judgment condition adjustment (when abnormal)

This adjustment is to set the paper empty judgement conditions when the paper empty detector of the copy paper trays (2 ~ 3) does not operate properly.

The adjustment is made for two paper trays. Setting screen for each paper tray is selected with the scroll keys. The set value is in the range of 1 ~ 30. Figures are entered with the 10-key pad, and the START button is pressed. The standard set value is 12.

The new set value is displayed on the COPIES MADE display, and the currently set value is displayed on the LCD display.

(Meaning of set values)

When the amount of paper on the paper tray is reduced or emptied as copies are made, the paper empty detector becomes inactive. If the paper tray lifts up and there is paper, the paper empty detector becomes active, allowing to make copy. If the paper empty detector does not become active in the time set by this simulation when there is no paper, it is judged as paper empty and the paper empty display is made. Change in the set value by 1 corresponds to 10ms.

The adjustment range is 10 ~ 300ms.

1) Enter the SIM 26-8 mode.

```
SIMULATION NO. 26-8

TRAY PAPER EMPTY CONDITION

 >26A (1~30) : nn (NO NEED TO ADJUST)
  26B (1~30) : nn
  26C (1~30) : nn
```

nn: Set value

(The set value of the selected tray is highlighted.)

2) Select the paper feed tray with the scroll key, enter 12 with the 10-key pad, and press the START button. (The set value is stored.)

   26A: No. 1 tray (No need to adjust)

   26B: No. 2 tray

   26C: No. 3 tray

K. Paper resist pressure (quantity) adjustment

This adjustment is to adjust the timing (paper contact pressure) onto the resist roller in each paper feed mode.

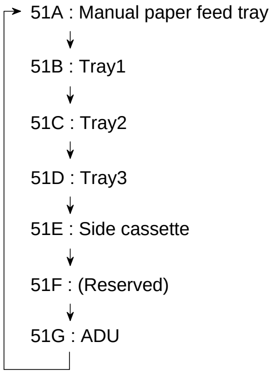
By changing the time delay (timing) from the transport roller ON to the resist roller ON, the paper contact pressure (quantity) onto the resist roller is changed.

Use SIM 51-2 to adjust. (Copying is made.)

SIM 51-3 also allows this adjustment, but copying is not made and only the adjustment values are entered.

In principle, the adjustment values must be changed according to the copy paper quality.

1) Enter the SIM 51-2 mode.



Item		Default	Adjustment range	
			min.	max.
51A	Manual feed tray	26	0	50
51B	Tray 1	30	0	50
51C	Tray 2	30	0	50
51D	Tray 3	30	0	50
51E	Side cassette	26	0	50
51F	(Reserved)	30	0	50
51G	ADU	30	0	50

(1 count = 1 ms)

2) Select the paper feed mode to be adjusted with the scroll key.

3) Enter the adjustment value with the 10-key pad, and press the START button. (The set value is stored.)

The greater the set value is, the greater the time difference is and the greater the paper contact pressure onto the resist roller is.
If the pressure is too small, the copy image position may fluctuate. If the pressure is too great, a paper jam may occur.
The adjustment range is 0 ~ 50. Change in the set value by 1 corresponds to about 1msec of timing.
The default value is 30 (26).

L. Separation pawl operating timing adjustment

This is to adjust the time from the resist roller ON to the photoconductor drum separation pawl ON.

1) Enter the SIM 51-1 mode.

2) Enter the adjustment value with the 10-key pad, and press the START button. (The set value is stored.)

The adjustment range is 0 ~ 20. Change in the set value by 1 corresponds to about 10msec of timing.
The default value is 8.
If the adjustment value is not proper, a paper jam may occur.

M. Adjustment of paper stop position in front of resist roller

The paper is transported the resist roller and stopped just in front of the resist roller and put on the roller. This adjustment is to adjust the stop position.
By changing the time from when the paper pass detector (PPD3) detects the paper lead edge from when the transport roller clutch is turned off, the paper stop position in front of the resist roller is changed.

1) Enter the SIM 51-4 mode.

2) Enter the adjustment value with the 10-key pad and press the START button. (The set value is stored.)

When the set value is too great, the paper hits the resist roller, causing a paper jam. When the set value is too small, the paper is not put on the resist roller, causing a paper jam.
The adjustment range is 1 ~ 50. Change in the set value by 1 corresponds to about 1msec of timing.
The default value is 25.

3. Optical section

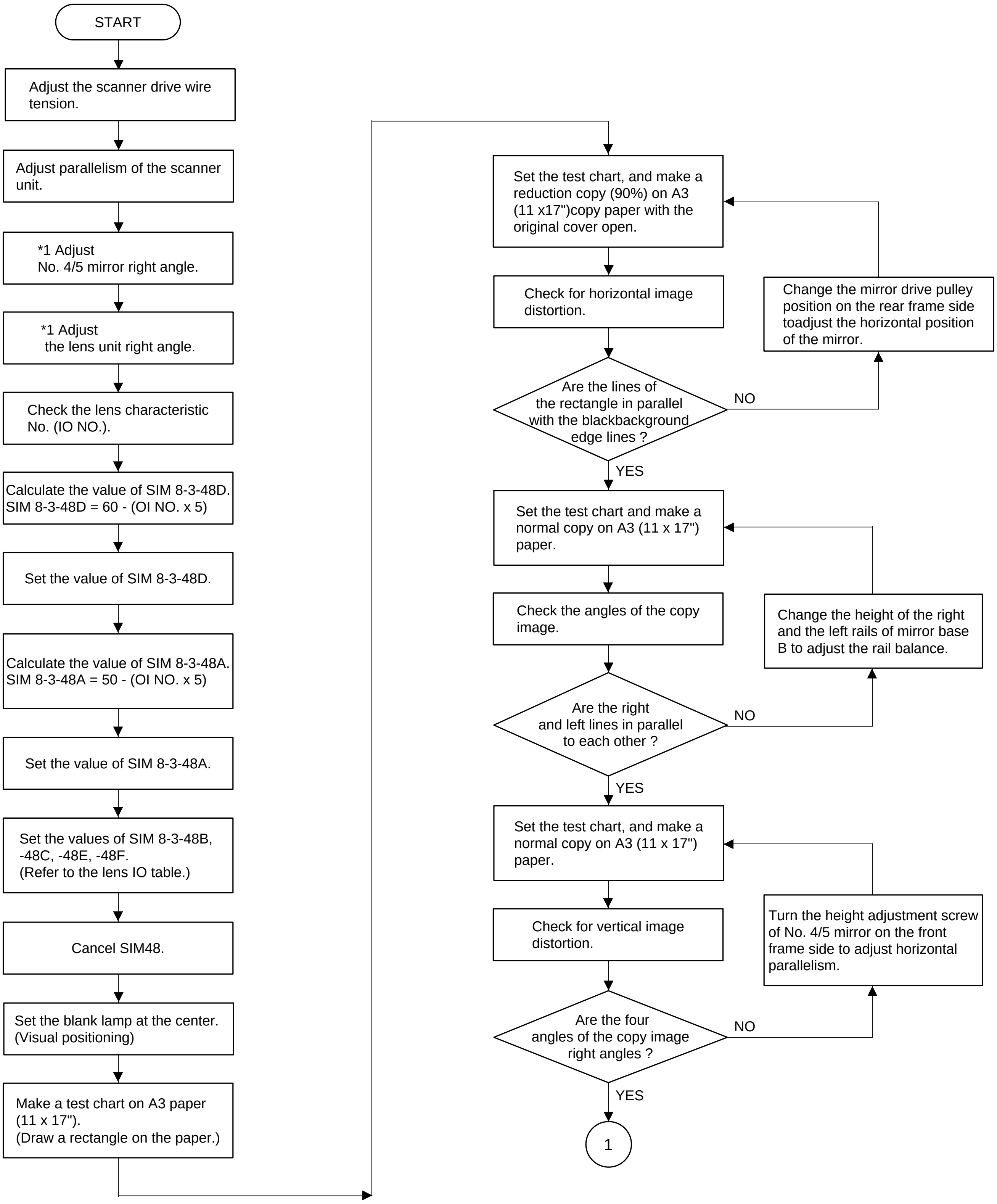
Optical unit adjustment list

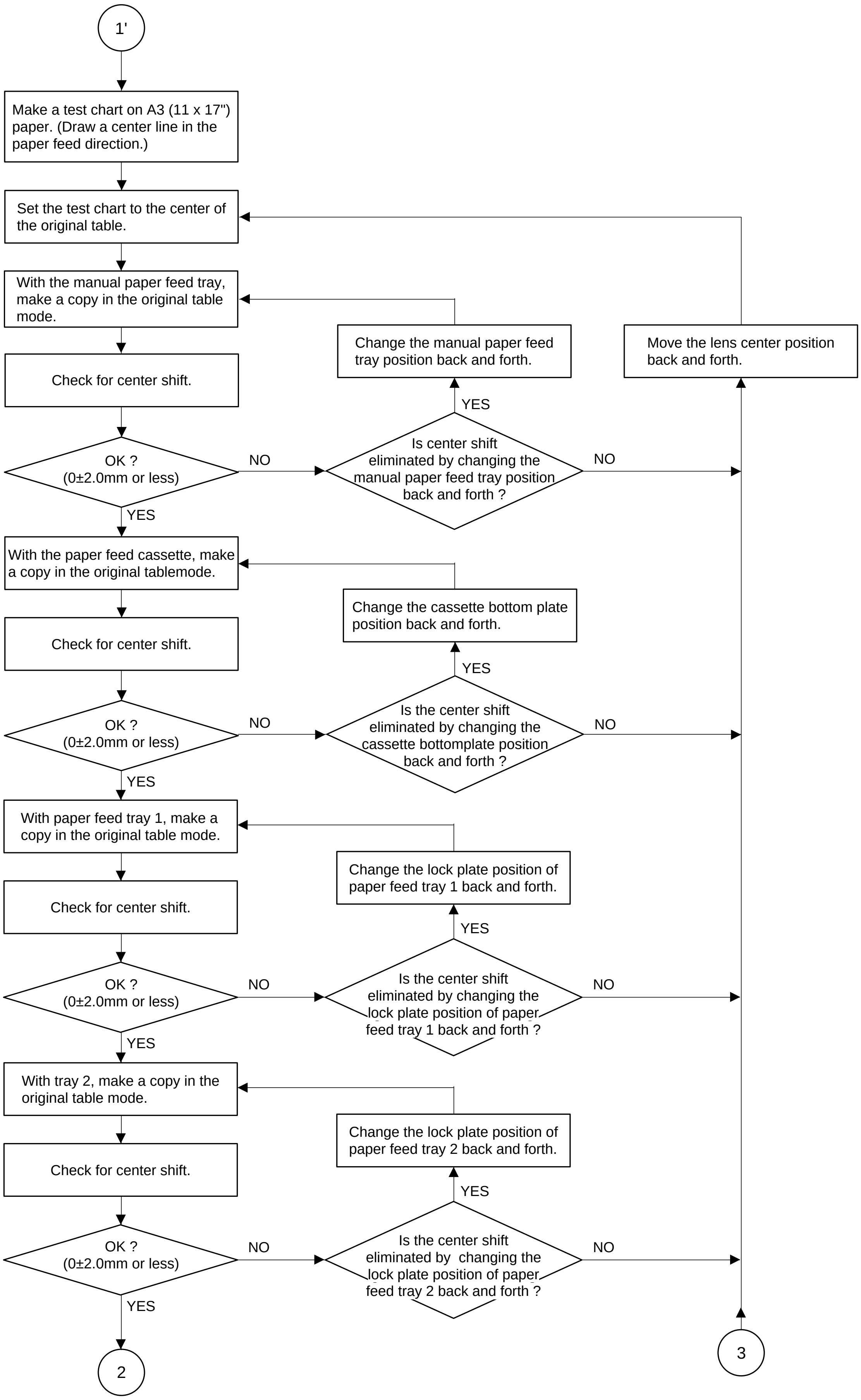
Division	No.	Adjustment content	Details		Adjusting procedure
Parts installation position adjustment	(1)	Scanner drive wire tension adjustment			Turn the scanner drive wire tension adjustment screw.
	(2)	Scanner unit horizontal level adjustment			Change the fixing position of No. 1/No. 2 scanner unit for the drive wire.
	(3)	No. 4/5 mirror right angle adjustment			Change the fixing position of No. 4/5 mirror unit slide shaft fixing angle. (Do not touch normally.)
	(4)	Lens unit right angle adjustment			Change the fixing position of the lens unit slide shaft fixing angle. (Do not touch normally.)
Copy quality adjustment	(1)	Image distortion adjustment	a	Horizontal image distortion adjustment	Change the relative positions of the scanner drive wire and the scanner drive wire pulley.
			b	Vertical image distortion balance adjustment	Change the right and the left height balance of the scanner rail.
			c	Vertical image distortion adjustment	Change the height balance of No. 4/5 mirror unit. (Turn the No. 4/5 mirror unit roller height adjustment cam.)
	(2)	Copy image center position adjustment	a	When the manual paper feed unit is used.	Change the manual paper feed unit position back and forth.
			b	When the paper feed cassette is used.	Change the paper feed cassette and the paper width adjustment plate base position back and forth.
			c	When the paper feed tray unit is used.	Change the paper feed tray unit position back and forth.
			d	In the duplex copy mode	Change the duplex unit position back and forth.
			e	In the RADF copy mode	Change the original tray unit position back and forth.
			f	In all copy modes	Slide the lens unit optical axis vertically. (Perform this adjustment only when the copy image center position adjustment (item a ~ e) cannot be made.)
	(3)	Focus adjustment	I	Focus adjustment value input	(Adjustment procedures without copying)
			a	Normal copy focus adjustment value input	Enter the set value of SIM 48-3-48D.
			b	Enlargement copy focus adjustment value input	Enter the set value of SIM 48-3-48F.
			c	Reduction copy focus adjustment value input	Enter the set value of SIM 48-3-48E.
			II	Focus adjustment	(Adjustment with copying)
			a	Normal copy focus adjustment	Enter the set value of SIM 48-1-48D.
			b	Enlargement copy focus adjustment	Enter the set value of SIM 48-1-48F.
			c	Reduction copy focus adjustment	Enter the set value of SIM 48-1-48E.
	(4)	Vertical copy magnification ratio adjustment	I	Vertical copy magnification ratio adjustment value input	(Adjustment without copying)
			a	Vertical copy magnification ratio adjustment (normal)	Enter the set value of SIM 48-3-48A.
			b	Vertical copy magnification ratio adjustment (enlargement)	Enter the set value of SIM 48-3-48C.
			c	Vertical copy magnification ratio adjustment (reduction)	Enter the set value of SIM 48-3-48B.
			II	Vertical copy magnification ratio adjustment	(Adjustment with copying)
			a	Vertical copy magnification ratio adjustment (normal)	Change the set value of SIM 48-1-48A.
			b	Vertical copy magnification ratio adjustment (enlargement)	Change the set value of SIM 48-1-48C.
			c	Vertical copy magnification ratio adjustment (reduction)	Change the set value of SIM 48-1-48B.
	(5)	Horizontal (paper transport direction) copy magnification ratio adjustment			Change the set value of SIM 48-1. (Press the PAUSE key to light the PAUSE lamp.)
	(6)	Uniformity adjustment			Change the exposure adjustment plate position.
	(7)	Image loss/void area adjustment	a	Image lead edge reference position adjustment	Change the set value of SIM 50-1-50A.
			b	Resist roller ON timing adjustment	Change the set value of SIM 50-1-50B.
			c	Resist roller brake OFF timing adjustment	Change the set value of SIM 50-1-50C. (Default: 10)
			d	Void amount adjustment (led edge/rear edge)	Change the set value of SIM 50-1-50D, 50E.
	(8)	Blank lamp position adjustment			Change the blank lamp unit position back and forth.

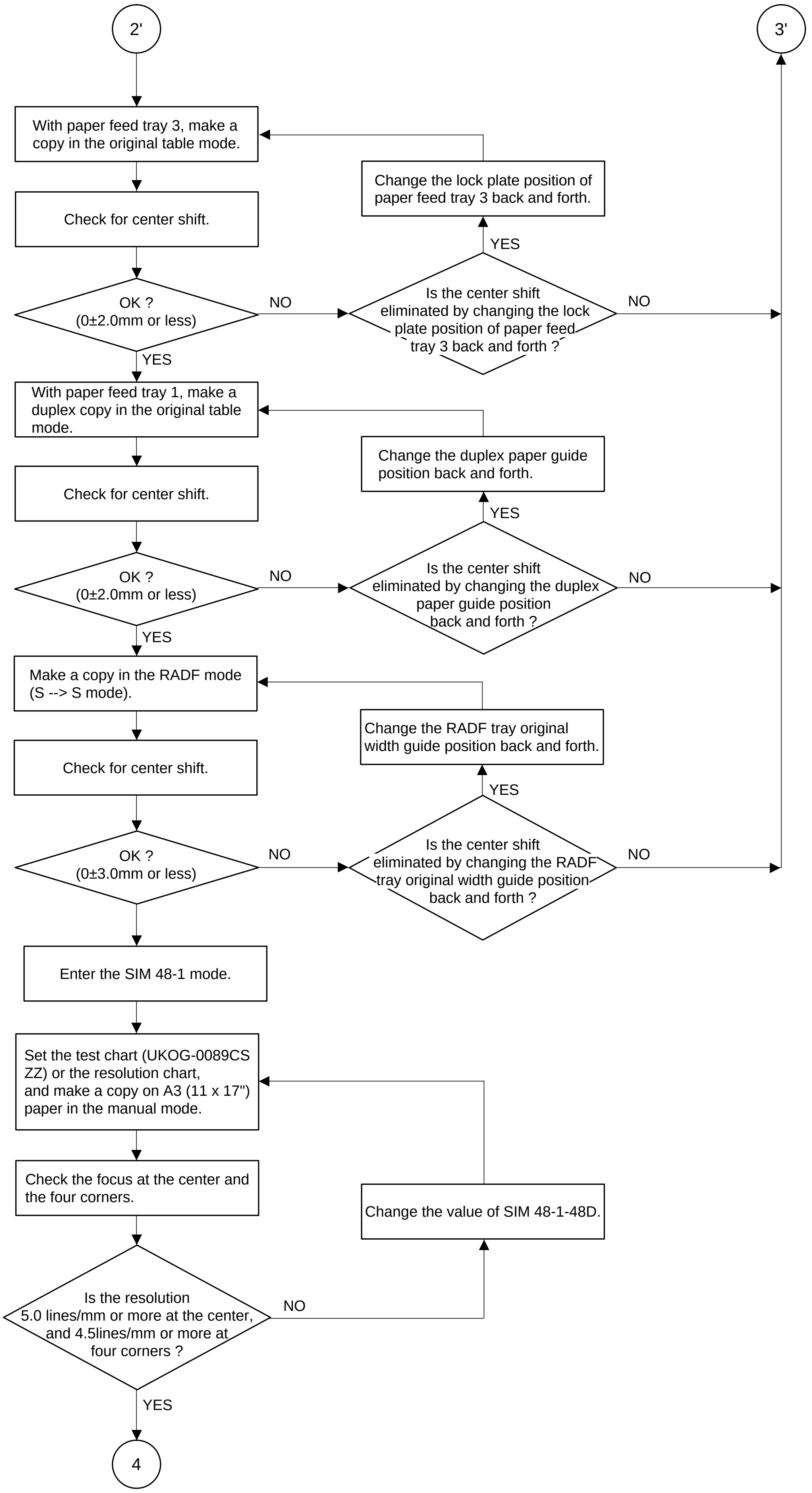
Optical section adjustment

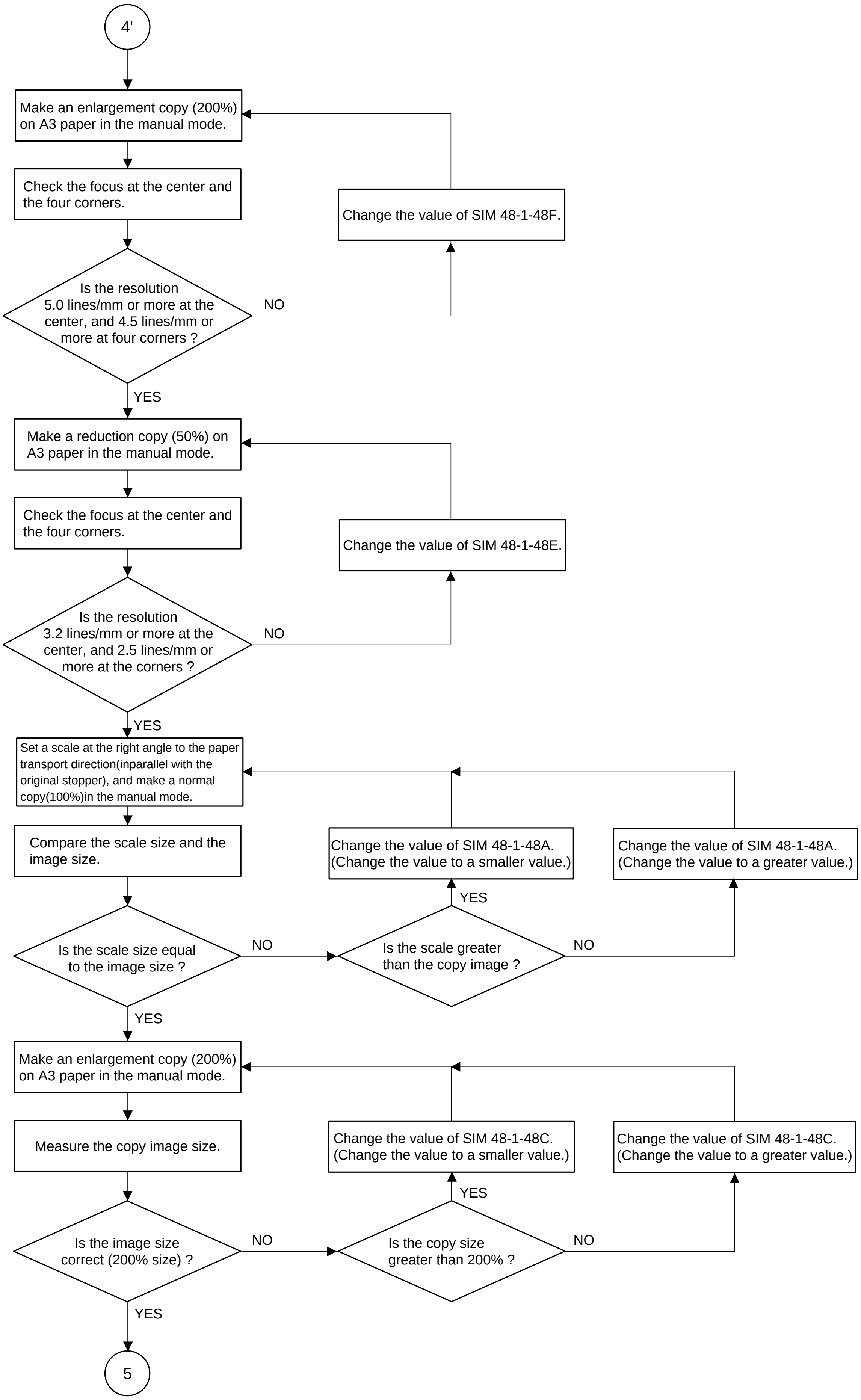
Observe the following instructions when performing the adjustments.

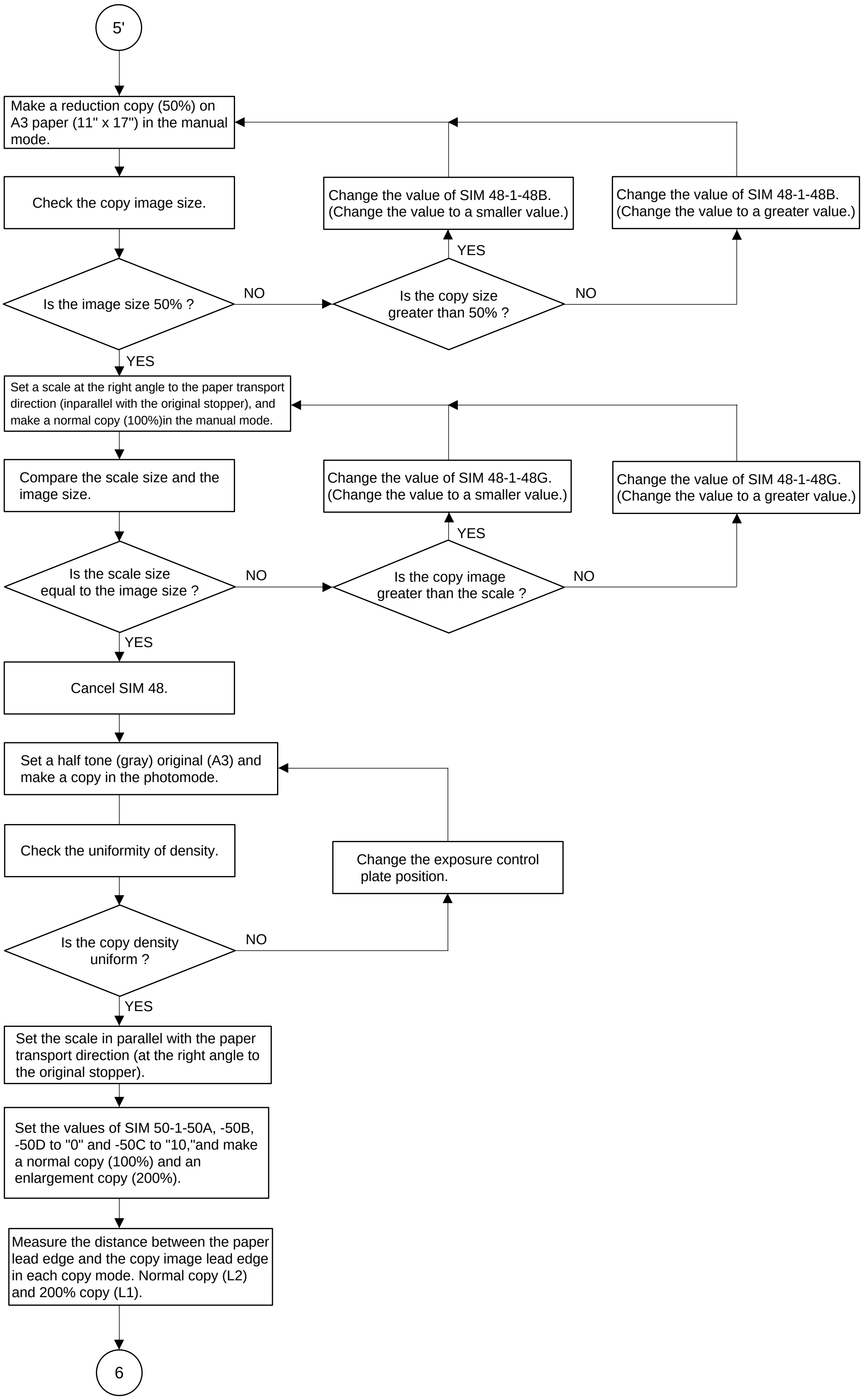
1) Perform the adjustments in the sequence shown in the flow chart.
2) To start an adjustment midway, all the previous adjustments must have been properly adjusted.
3) If an adjustment item is changed, all the following adjustments must be changed accordingly. An adjustment item is based on all the previous adjustment items.

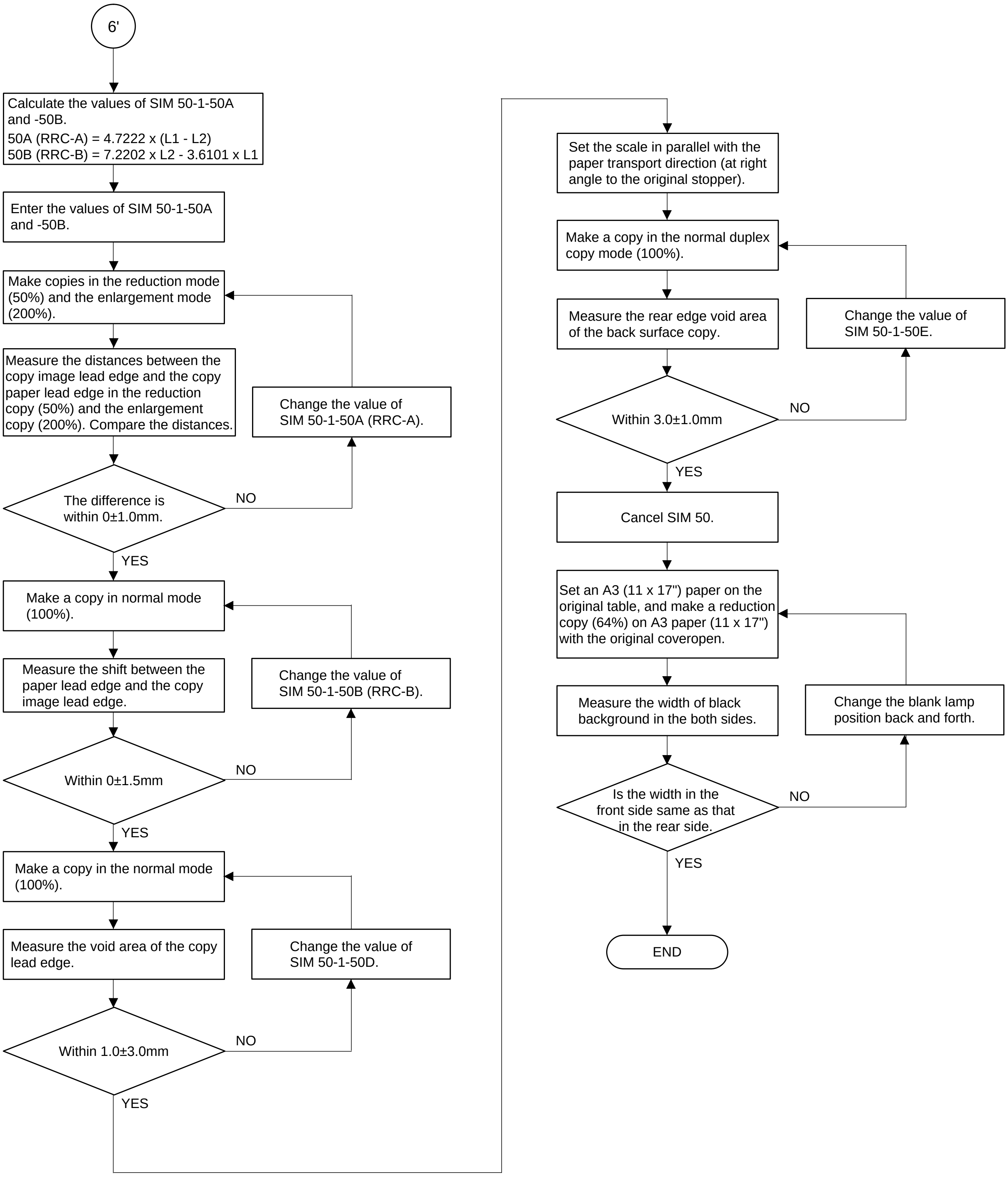

START
Adjust the scanner drive wire tension.
Adjust parallelism of the scanner unit.
*1 Adjust No. 4/5 mirror right angle.
*1 Adjust the lens unit right angle.
Check the lens characteristic No. (IO NO.).
Calculate the value of SIM 8-3-48D. SIM 8-3-48D = 60 - (OI NO. x 5)
Set the value of SIM 8-3-48D.
Calculate the value of SIM 8-3-48A. SIM 8-3-48A = 50 - (OI NO. x 5)
Set the value of SIM 8-3-48A.
Set the values of SIM 8-3-48B, -48C, -48E, -48F. (Refer to the lens IO table.)
Cancel SIM48.
Set the blank lamp at the center. (Visual positioning)
Make a test chart on A3 paper (11 x 17"). (Draw a rectangle on the paper.)
Set the test chart, and make a reduction copy (90%) on A3 (11 x17")copy paper with the original cover open.
Check for horizontal image distortion.
Are the lines of the rectangle in parallel with the blackbackground edge lines ?
NO
Change the mirror drive pulley position on the rear frame side toadjust the horizontal position of the mirror.
YES
Set the test chart and make a normal copy on A3 (11 x 17") paper.
Check the angles of the copy image.
Are the right and left lines in parallel to each other ?
NO
Change the height of the right and the left rails of mirror base B to adjust the rail balance.
YES
Set the test chart, and make a normal copy on A3 (11 x 17") paper.
Check for vertical image distortion.
Are the four angles of the copy image right angles ?
NO
Turn the height adjustment screw of No. 4/5 mirror on the front frame side to adjust horizontal parallelism.
YES
1


1'
Make a test chart on A3 (11 x 17") paper. (Draw a center line in the paper feed direction.)
Set the test chart to the center of the original table.
With the manual paper feed tray, make a copy in the original table mode.
Change the manual paper feed tray position back and forth.
Move the lens center position back and forth.
Check for center shift.
YES
OK ? (0±2.0mm or less)
NO
Is center shift eliminated by changing the manual paper feed tray position back and forth ?
NO
YES
With the paper feed cassette, make a copy in the original tablemode.
Change the cassette bottom plate position back and forth.
Check for center shift.
YES
OK ? (0±2.0mm or less)
NO
Is the center shift eliminated by changing the cassette bottomplate position back and forth ?
NO
YES
With paper feed tray 1, make a copy in the original table mode.
Change the lock plate position of paper feed tray 1 back and forth.
Check for center shift.
YES
OK ? (0±2.0mm or less)
NO
Is the center shift eliminated by changing the lock plate position of paper feed tray 1 back and forth ?
NO
YES
With tray 2, make a copy in the original table mode.
Change the lock plate position of paper feed tray 2 back and forth.
Check for center shift.
YES
OK ? (0±2.0mm or less)
NO
Is the center shift eliminated by changing the lock plate position of paper feed tray 2 back and forth ?
NO
YES
2
3


2'
3'
With paper feed tray 3, make a copy in the original table mode.
Check for center shift.
OK ? (0±2.0mm or less)
NO
YES
Is the center shift eliminated by changing the lock plate position of paper feed tray 3 back and forth ?
YES
NO
Change the lock plate position of paper feed tray 3 back and forth.
With paper feed tray 1, make a duplex copy in the original table mode.
Check for center shift.
OK ? (0±2.0mm or less)
NO
YES
Is the center shift eliminated by changing the duplex paper guide position back and forth ?
YES
NO
Change the duplex paper guide position back and forth.
Make a copy in the RADF mode (S --> S mode).
Check for center shift.
OK ? (0±3.0mm or less)
NO
Is the center shift eliminated by changing the RADF tray original width guide position back and forth ?
YES
NO
Change the RADF tray original width guide position back and forth.
Enter the SIM 48-1 mode.
Set the test chart (UKOG-0089CS ZZ) or the resolution chart, and make a copy on A3 (11 x 17") paper in the manual mode.
Check the focus at the center and the four corners.
Is the resolution 5.0 lines/mm or more at the center, and 4.5lines/mm or more at four corners ?
NO
Change the value of SIM 48-1-48D.
YES
4


4'
Make an enlargement copy (200%) on A3 paper in the manual mode.
Check the focus at the center and the four corners.
Is the resolution 5.0 lines/mm or more at the center, and 4.5 lines/mm or more at four corners ?
NO
Change the value of SIM 48-1-48F.
YES
Make a reduction copy (50%) on A3 paper in the manual mode.
Check the focus at the center and the four corners.
Is the resolution 3.2 lines/mm or more at the center, and 2.5 lines/mm or more at the corners ?
NO
Change the value of SIM 48-1-48E.
YES
Set a scale at the right angle to the paper transport direction(inparallel with the original stopper), and make a normal copy(100%)in the manual mode.
Compare the scale size and the image size.
Is the scale size equal to the image size ?
NO
Is the scale greater than the copy image ?
YES
Change the value of SIM 48-1-48A. (Change the value to a smaller value.)
NO
Change the value of SIM 48-1-48A. (Change the value to a greater value.)
YES
Make an enlargement copy (200%) on A3 paper in the manual mode.
Measure the copy image size.
Is the image size correct (200% size) ?
NO
Is the copy size greater than 200% ?
YES
Change the value of SIM 48-1-48C. (Change the value to a smaller value.)
NO
Change the value of SIM 48-1-48C. (Change the value to a greater value.)
YES
5

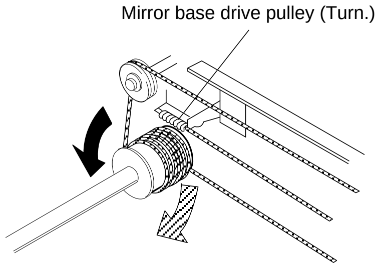

5'
Make a reduction copy (50%) on A3 paper (11" x 17") in the manual mode.
Check the copy image size.
Is the image size 50% ?
NO
Is the copy size greater than 50% ?
YES
Change the value of SIM 48-1-48B. (Change the value to a smaller value.)
NO
Change the value of SIM 48-1-48B. (Change the value to a greater value.)
YES
Set a scale at the right angle to the paper transport direction (inparallel with the original stopper), and make a normal copy (100%)in the manual mode.
Compare the scale size and the image size.
Is the scale size equal to the image size ?
NO
Is the copy image greater than the scale ?
YES
Change the value of SIM 48-1-48G. (Change the value to a smaller value.)
NO
Change the value of SIM 48-1-48G. (Change the value to a greater value.)
YES
Cancel SIM 48.
Set a half tone (gray) original (A3) and make a copy in the photomode.
Check the uniformity of density.
Is the copy density uniform ?
NO
Change the exposure control plate position.
YES
Set the scale in parallel with the paper transport direction (at the right angle to the original stopper).
Set the values of SIM 50-1-50A, -50B, -50D to "0" and -50C to "10,"and make a normal copy (100%) and an enlargement copy (200%).
Measure the distance between the paper lead edge and the copy image lead edge in each copy mode. Normal copy (L2) and 200% copy (L1).
6


6'
Calculate the values of SIM 50-1-50A and -50B.
50A (RRC-A) = 4.7222 x (L1 - L2)
50B (RRC-B) = 7.2202 x L2 - 3.6101 x L1
Enter the values of SIM 50-1-50A and -50B.
Make copies in the reduction mode (50%) and the enlargement mode (200%).
Measure the distances between the copy image lead edge and the copy paper lead edge in the reduction copy (50%) and the enlargement copy (200%). Compare the distances.
Change the value of SIM 50-1-50A (RRC-A).
The difference is within 0±1.0mm.
NO
YES
Make a copy in normal mode (100%).
Measure the shift between the paper lead edge and the copy image lead edge.
Change the value of SIM 50-1-50B (RRC-B).
Within 0±1.5mm
NO
YES
Make a copy in the normal mode (100%).
Measure the void area of the copy lead edge.
Change the value of SIM 50-1-50D.
Within 1.0±3.0mm
NO
YES
Set the scale in parallel with the paper transport direction (at right angle to the original stopper).
Make a copy in the normal duplex copy mode (100%).
Measure the rear edge void area of the back surface copy.
Change the value of SIM 50-1-50E.
Within 3.0±1.0mm
NO
YES
Cancel SIM 50.
Set an A3 (11 x 17") paper on the original table, and make a reduction copy (64%) on A3 paper (11 x 17") with the original coveropen.
Measure the width of black background in the both sides.
Change the blank lamp position back and forth.
Is the width in the front side same as that in the rear side.
NO
YES
END

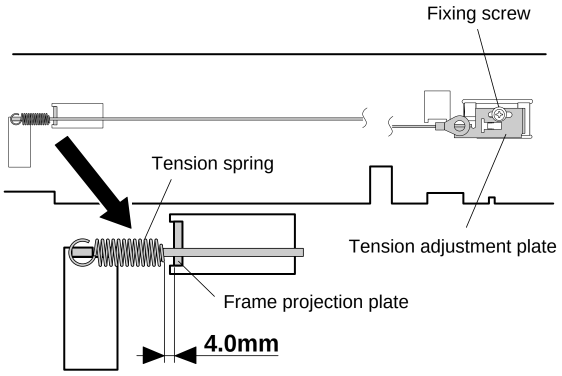
(Parts installing position adjustment)

(1) Scanner drive wire tension adjustment

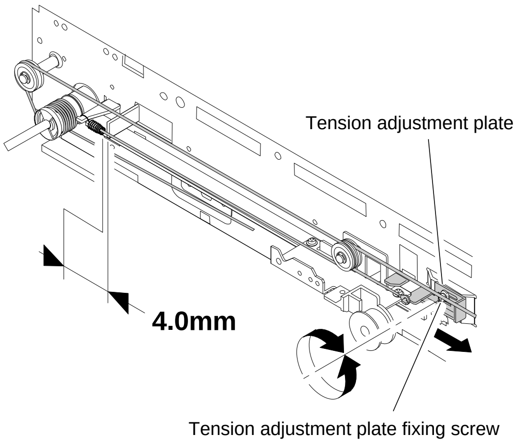
1) Manually turn the scanner drive pulley to fully scan the scanner unit 4 or 5 times.


Mirror base drive pulley (Turn.)

2) Check that the clearance between the scanner drive wire spring and the frame projection is 4.0mm.


Fixing screw
Tension spring
Tension adjustment plate
Frame projection plate
4.0mm

(Check in the front frame side and in the rear frame side.)

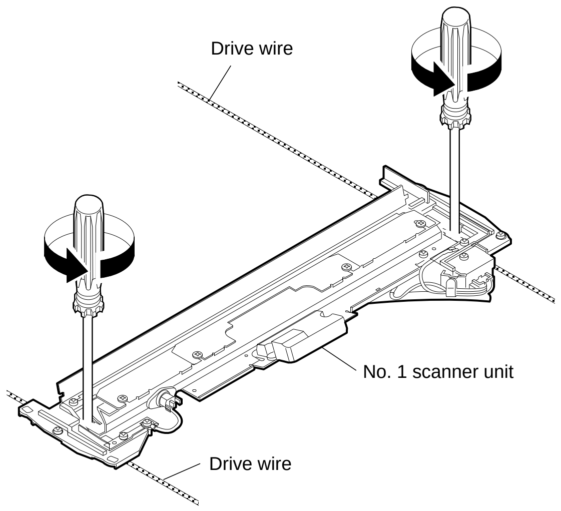

Tension adjustment plate
4.0mm
Tension adjustment plate fixing screw

If the clearance is not 4.0mm, perform the following procedures.

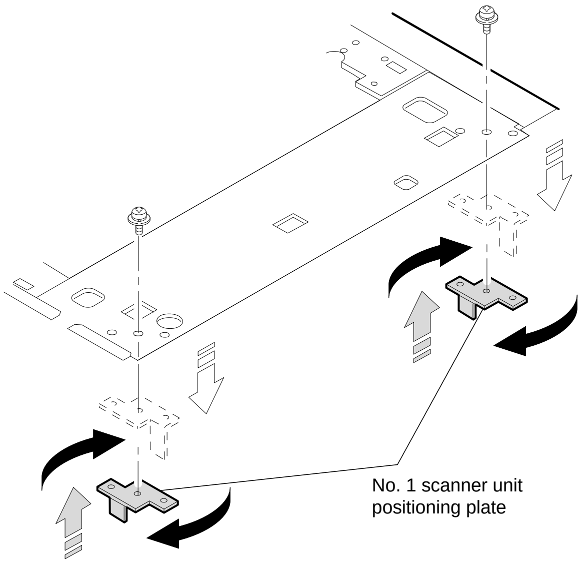
3) Loosen the tension adjustment plate fixing screw.
4) Change the tension adjustment plate position to adjust so that the clearance between the scanner drive wire spring and the frame projection is 4.0mm.
5) Tighten the tension adjustment plate fixing screw.
6) Perform procedures 1) ~ 2).
If the clearance between the scanner drive wire spring and the frame projection is 4.0mm, the adjustment is completed.
If not, repeat procedures 3) ~ 6) until the condition is satisfied.

(2) Scanner unit parallelism (installing position) adjustment

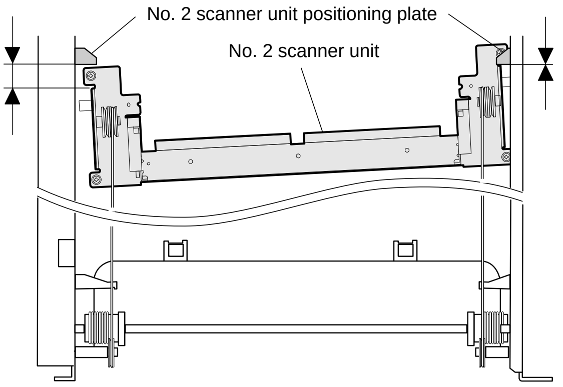
1) Loosen the scanner unit fixing screw to remove No. 1 scanner unit from the scanner drive wire.


Drive wire
No. 1 scanner unit
Drive wire

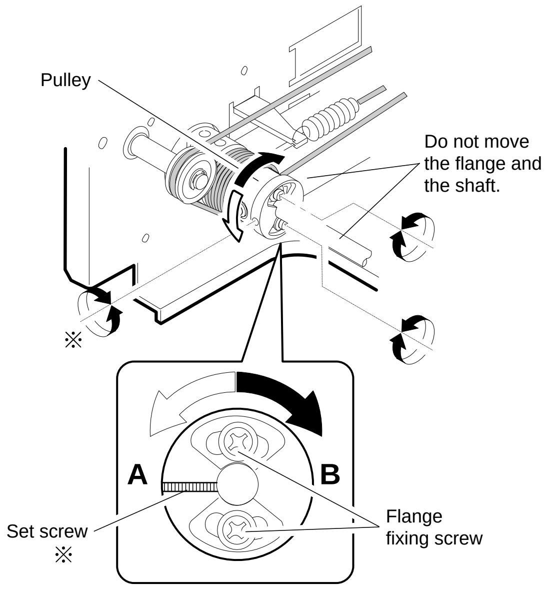
2) Change the installing direction of No. 1 scanner unit position adjustment plate.


No. 1 scanner unit positioning plate

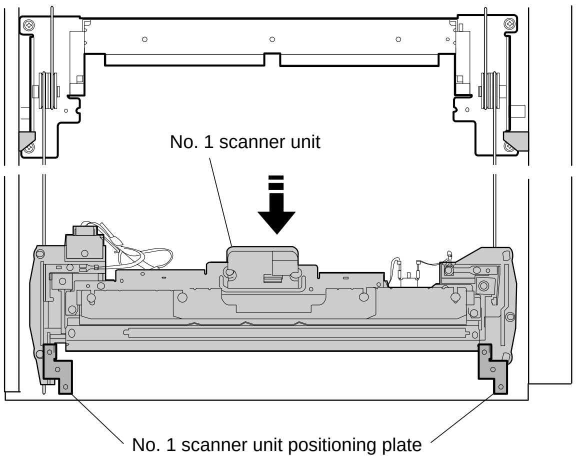
3) Manually turn the scanner drive pulley to move No. 2 scanner unit until it makes contact with the No. 2 scanner unit positioning plate. If, at that time, No. 2 scanner unit is in contact with two No. 2 scanner unit positioning plates at either side of the frame, the horizontal level of the No. 2 scanner unit is proper.
If not, perform the following procedures.


No. 2 scanner unit positioning plate
No. 2 scanner unit

4) Loosen the scanner unit drive pulley fixing screw on the side where No. 2 scanner unit is not in contact.


Pulley
Do not move the flange and the shaft.
※
A
B
Set screw
※
Flange fixing screw

5) Manually rotate the scanner unit drive pulley which was loosened in 4) without moving the drive pulley shaft and the flange to bring into contact with the No. 2 scanner unit positioning plate.
   If the adjustment is not completed with the above procedure, loosen the flange set screw and change the relative positions of the shaft and the flange, then perform the above procedure again.
6) Tighten the screw which was loosened in 4).
7) Perform procedure 3).
   If the parallelism of No. 2 scanner unit is not proper, repeat procedures 4) ~ 7) until the parallelism is proper.
8) With the No. 2 scanner unit in contact with the No. 2 scanner unit positioning plate, slide the No. 1 scanner unit to bring it into contact with the No. 1 scanner unit positioning plate.
   (Do not move the scanner drive wire.)

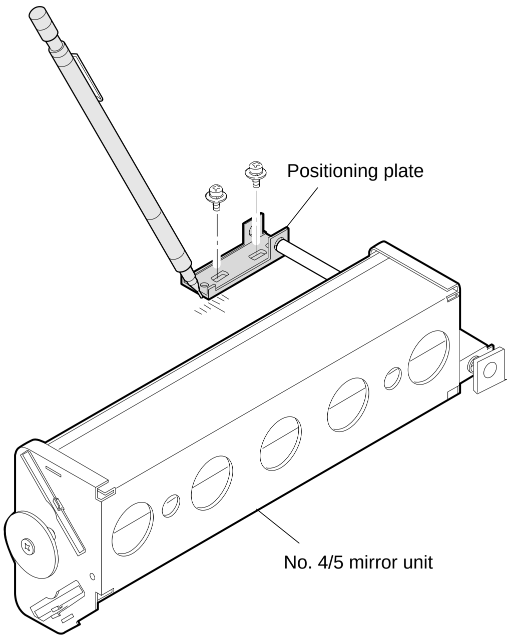

No. 1 scanner unit
No. 1 scanner unit positioning plate

9) Tighten the No. 1 scanner unit fixing screw to fix the No. 1 scanner unit to the scanner unit drive wire.
10) Return the No. 1 scanner unit positioning plate to the original position.

(3) No. 4/5 mirror unit parallelism (installing position) adjustment

The No. 4/5 mirror unit horizontal level adjustment cannot be performed in the market. If the No. 4/5 mirror unit is erroneously moved, visually check the parallelism and fix it.

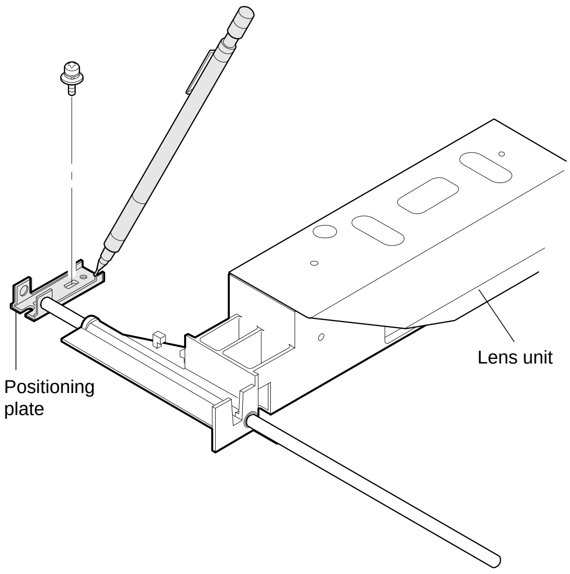
If it is required to remove No. 4/5 mirror unit, put a mark on the installing position of the No. 4/5 mirror unit positioning plate in advance, and install it to the original position afterwards.


Positioning plate
No. 4/5 mirror unit

(4) Lens unit parallelism (installing position) adjustment

The lens unit position cannot be adjusted in the market. If the lens unit is erroneously moved, visually check the parallelism and fix it.

If it is required to remove the lens unit, put a mark on the installing position of the lens unit positioning plate in advance, and install it to the original position afterwards.

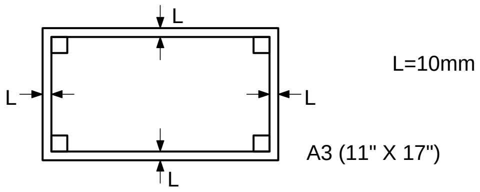

Positioning plate
Lens unit

(Copy picture quality)

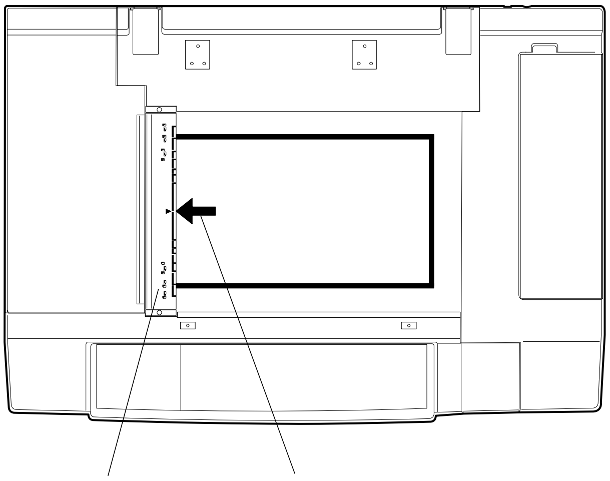
(1) Copy image distortion adjustment

a. Horizontal image distortion adjustment

① Make a test chart on A3 (11 × 17") paper.
Draw a rectangle (with four right angles) on A3 (11 × 17") paper.


L
L
L
L
L=10mm
A3 (11" X 17")

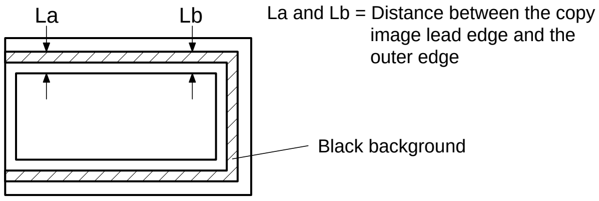
② Set the test chart on the original table with the original cover open.


Original stopper
Fit the paper lead edge with the stopper edge.

③ Make a reduction copy (90%) on A3 (11 × 17") paper.

④ Check for horizontal image distortion.

- If La = Lb, there is no horizontal distortion.

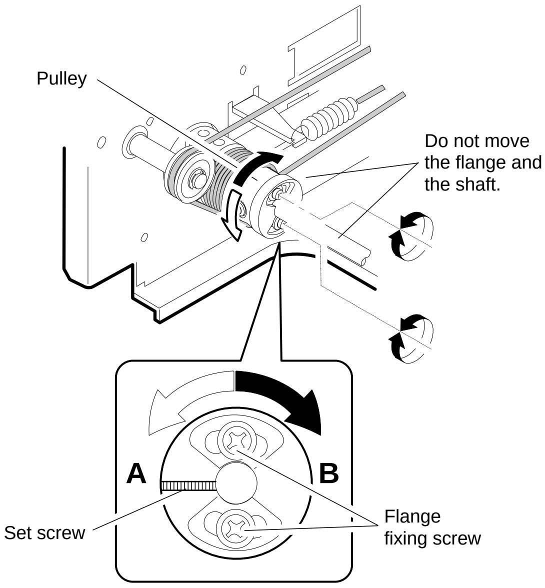

La
Lb
La and Lb = Distance between the copy image lead edge and the outer edge
Black background

When La = Lb, no need for adjustment.

If there is any horizontal distortion, perform the following procedures.

⑤ Loosen the mirror base drive pulley on the rear frame side.
When La > Lb, turn the mirror base drive pulley on the rear frame in direction A. (Do not move the flange and the mirror base drive pulley shaft.)
When La < Lb, turn the mirror base drive pulley on the rear frame in direction B. (Do not move the flange and the mirror base drive pulley shaft.)

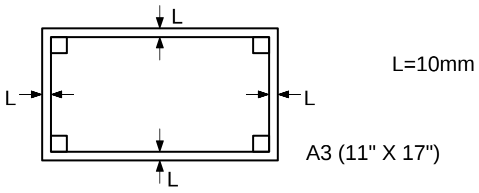
⑥ Tighten the mirror base drive pulley flange fixing screw.
Repeat procedures ② ~ ⑥ until horizontal image distortion is eliminated. If the adjustment cannot be completed with the above procedures, loosen the flange fixing screw, change the relative positions of the shaft and the flange, then perform procedures ② ~ ⑥.


Pulley
Do not move the flange and the shaft.
A
B
Set screw
Flange fixing screw

b. Vertical image distortion balance adjustment

This adjustment must be performed only after completion of the horizontal image distortion adjustment. (This adjustment must be performed without horizontal distortion.)

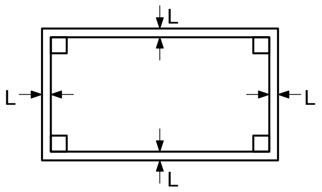
① Make a test chart on A3 (11 × 17") paper.
Draw a rectangle (with four right angles) on A3 (11 × 17") paper.


L
L
L
L
L=10mm
A3 (11" X 17")

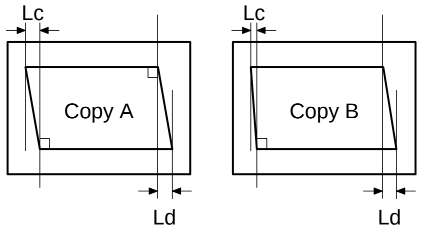
② Set the test chart on the original table and make a normal copy on A3 (11 × 17") paper.

③ Check for vertical image distortion.
If the four angles are right angles, there is no vertical distortion.

If there is any vertical distortion, check for any difference between the right and the left distortions. When Lc = Ld, there is no difference between the right and the left distortions.



(The four angles are right angles without distortion.)



The distortion on the right side is the same as that on the left side.

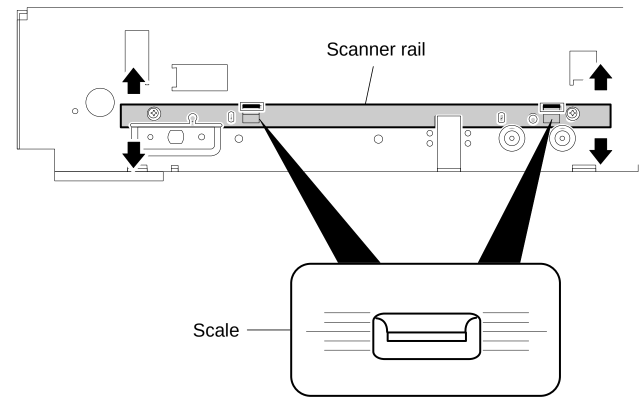
Lc = Ld

The distortion on the right side is not the same as that on theleft side.

Lc ≠ Ld

If there is any difference between the right and the left distortions, perform the following procedure.

④ Adjust the balance between the left and the right height of the scanner rail to eliminate the difference between the right and the left distortions.

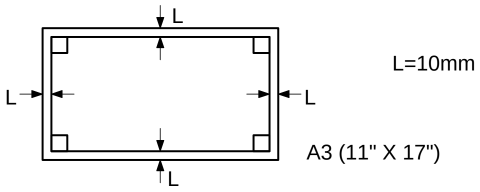


(Note) If the scanner rail is fixed to an extreme position, the scanner may make contact with the optical unit frame with it scans.

c. Vertical image distortion adjustment

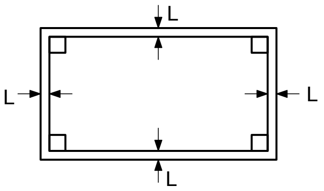
This adjustment must be performed only after completion of the horizontal image distortion adjustment and the vertical image distortion balance adjustment. (This adjustment must be performed without horizontal image distortion and unbalance in vertical image distortions.)

① Make a test chart on A3 (11 × 17") paper.
Draw a rectangle (with four right angles) on A3 (11 × 17") paper.



② Set the test chart on the original table and make a normal copy on A3 (11 × 17") paper.

③ Check for vertical image distortion.
If the four angles are right angles, there is no vertical distortion.

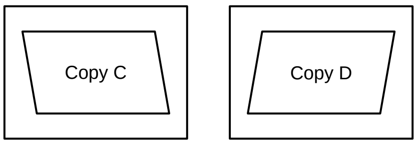


(The four angles are right angles without distortion.)

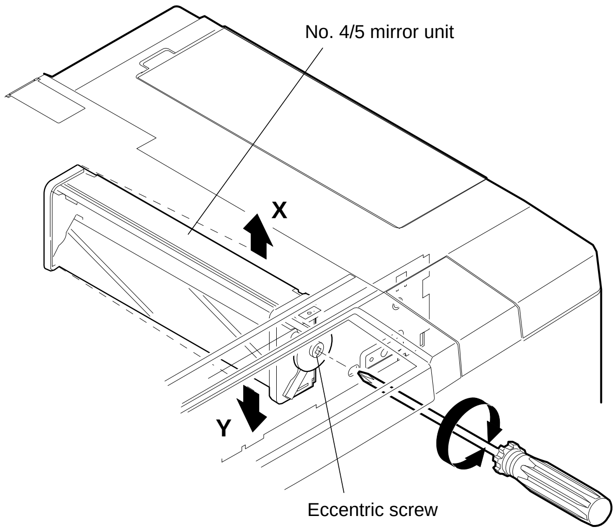
(All four angles are right angles without distortion.)

If there is any vertical distortion,

④ Turn the eccentric screw on the No. 4/5 mirror unit front frame side to change the No. 4/5 mirror unit front frame height to eliminate vertical image distortion.
In the case of copy C, increase the height of No. 4/5 mirror unit front frame side. In the case of copy D, decrease.
If the adjustment cannot be completed by changing the height of No. 4/5 mirror unit front frame, change the height of the whole scanner rail. Be careful not to lose balance between the right and the left.



Heighten. (X direction) Shorten. (Y direction)



(2) Copy image center position adjustment

Original table mode	Single		±2.0 mm
	Duplex		±2.0 mm
Overall (RADF mode)	Single	S → S	±3.0 mm
		D → S	±4.0 mm
	Duplex	S → D	±3.0 mm
		D → D	±4.0 mm

The copy image center position adjustment must be performed according to each copy mode for paper feed positions and original feed positions.

Use the mark printed on the original stopper as the reference.

Since this adjustment is made by changing the relative positions of the optical section, the paper feed section, and the RADF section,

only adjusting the optical section cannot complete this adjustment.

For the adjustment, change the following unit positions.

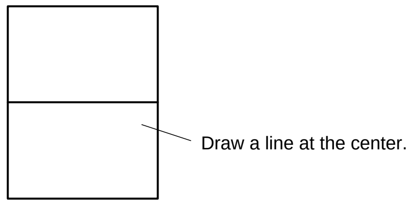
The adjustment must be performed in the sequence of a ~ f.

Never proceed the adjustment of the next item before completion of the current item.

If the adjustment cannot be performed with procedures a ~ e, perform procedure f. After completion of procedure f, be sure to repeat procedures a ~ e.

a. Copy image center position adjustment when paper feeding from the manual paper feed unit (The manual paper feed unit position is changed back and forth.)
b. Copy image center position adjustment when paper feeding from the paper feed cassette
c. Copy image center position adjustment when paper feeding from the paper feed tray unit (No. 1 ~ 3) (The paper feed tray No. 1 ~ 3 positions are changed back and forth.)
d. Copy image center position adjustment in the duplex copy mode (The duplex tray position is changed back and forth.)
e. Copy image center position adjustment in the RADF unit original tray mode. (The RADF unit original tray position is changed.)
f. Change the lens unit position back and forth.

(Adjustment procedure)

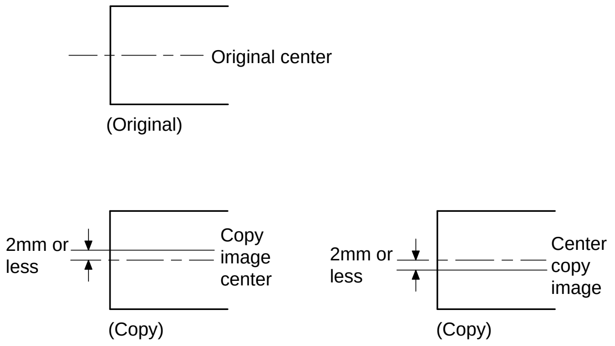

Draw a line at the center.

A4 or 11" x 8.5" paper

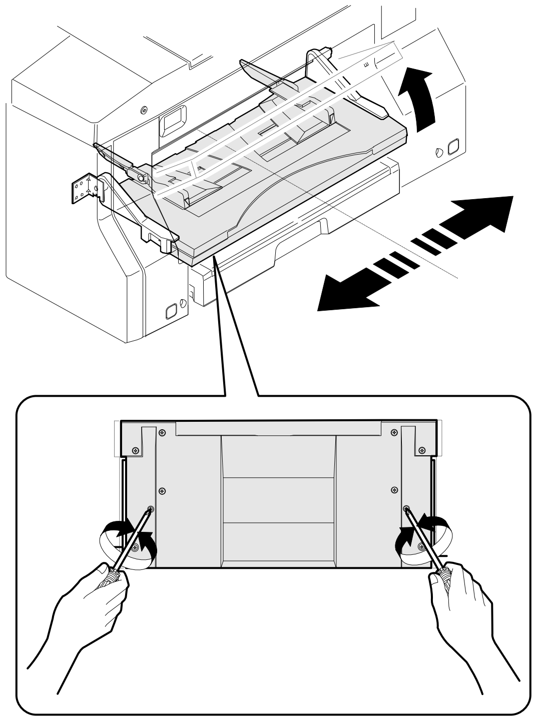
a. Copy image center position adjustment when paper feeding from the manual paper feed unit (The manual paper feed unit position is changed back and forth.)

① Set the test chart on the original table using the mark on the original stopper as the reference.

② Select the manual paper feed tray unit, and make a copy on A4 (11 × 8.5") paper. Check for the copy image center shift.


Original center
(Original)
2mm or less
Copy image center
(Copy)
2mm or less
Center copy image
(Copy)

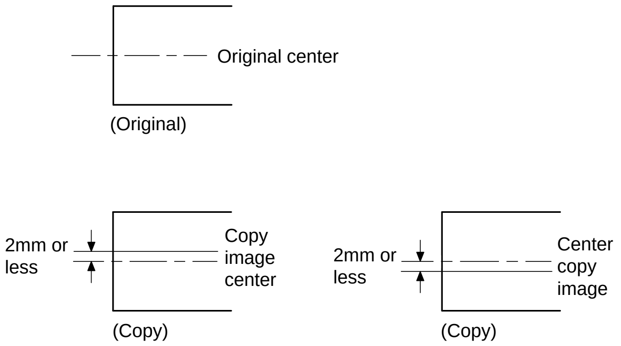
③ If the center shift is outside the specified range, change the manual paper feed tray unit position back and forth.



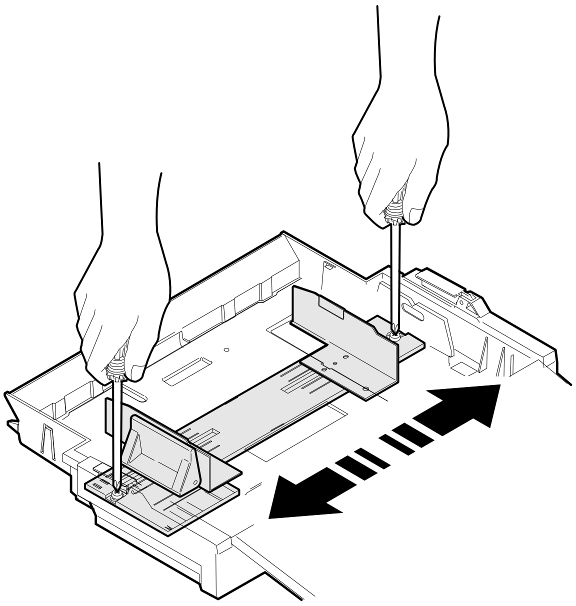
b. Copy image center position adjustment when paper feeding from the paper feed cassette

① Set the test chart on the original table using the mark on the original stopper as the reference.

② Select the paper feed cassette, and make a copy on A4 (11 × 8.5") paper. Check for the copy image center shift.


Original center
(Original)
2mm or less
Copy image center
(Copy)
2mm or less
Center copy image
(Copy)

③ If the center shift is outside the specified range, change the paper width adjustment plate base position inside the paper feed cassette.

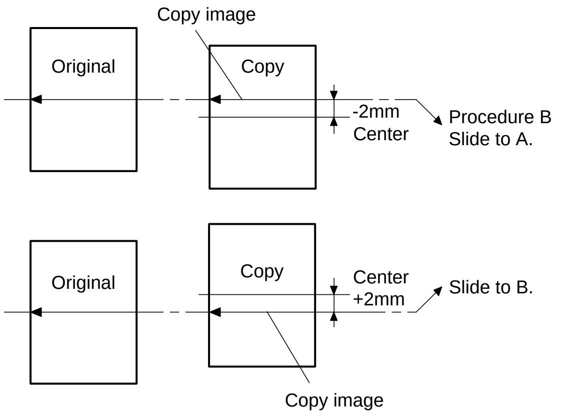


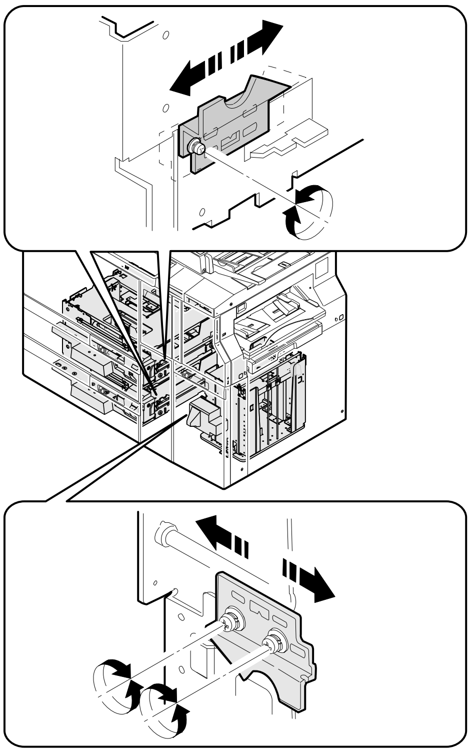
c. Copy image center position adjustment when paper feeding from the paper feed tray unit (No. 1 ~ 3) (The paper feed tray No. 1 ~ 3 positions are changed back and forth.)

① Set the test chart on the original table using the mark on the original stopper as the reference.

② Select the paper feed tray unit (No. 1), and make a copy on A4 (11 × 8.5") paper. Check for the copy image center shift.

③ If the center shift is outside the specified range, change the paper feed tray unit lock plate position.


Copy image
Original
Copy
-2mm
Center
Procedure B
Slide to A.
Original
Copy
Center
+2mm
Slide to B.
Copy image



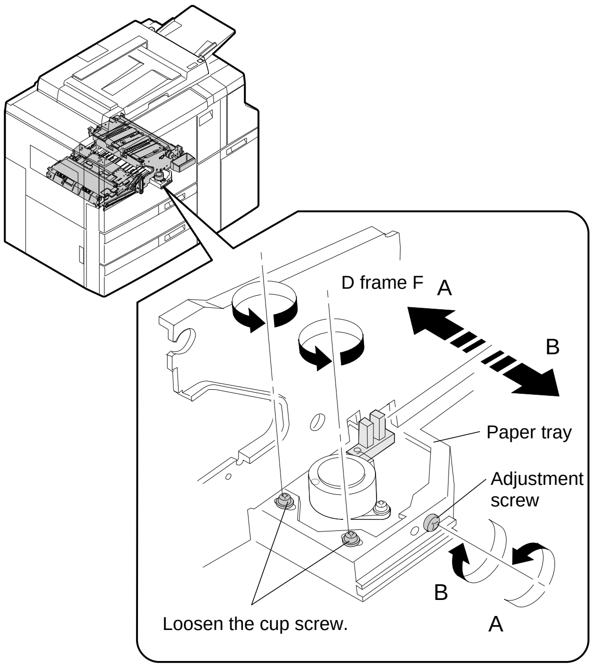
Perform the same adjustment for the paper feed tray unit (No. 2, and 3).

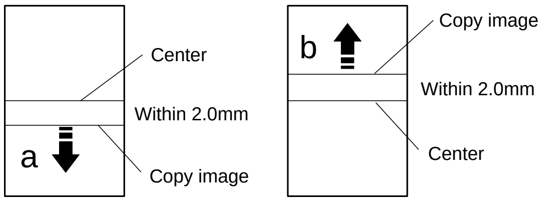
d. Copy image center position adjustment in the duplex copy mode (The duplex tray position is changed back and forth.)

① Set the test chart on the original table using the mark on the original stopper as the reference.

② Select the paper feed tray unit (No. 1), and make a copy on A4 (11 × 8.5") paper in the original table duplex copy mode. Check for the copy image center shift on the back surface.

③ If the center shift is outside the specified range, change the duplex tray unit position by turning the adjustment screw.


D frame F
A
B
Paper tray
Adjustment screw
B
A
Loosen the cup screw.



(Duplex copy tray)

When the image is shifted to direction of a, loosen two cup screws and turn the adjustment screw in the direction of A.

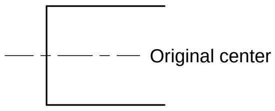
When the image is shifted to direction of b, loosen two cup screws and turn the adjustment screw in the direction of B.

After completion of the adjustment, tighten two cup screws (M4).

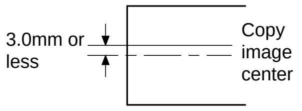
e. Copy image center position adjustment in the RADF unit original tray mode. (The RADF unit original tray position is changed.)

① Set the test chart on the RADF tray.

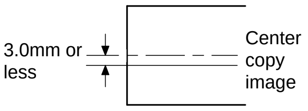
② Select the paper feed tray unit (No. 1), and make a copy on A4 (11 × 8.5") paper in the RADF copy mode. Check for the copy image center shift.



(Original)

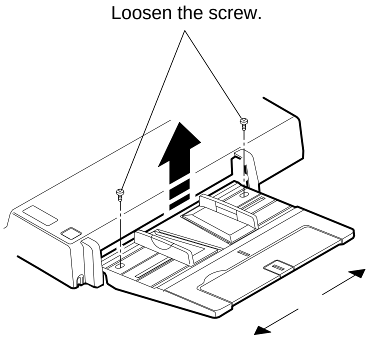


(Copy)



(Copy)

③ If the center shift is outside the specified range, change the RADF tray unit original width adjustment guide position.

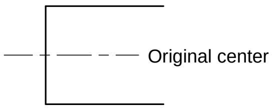


f. Change the lens unit position back and forth. (All copy modes)

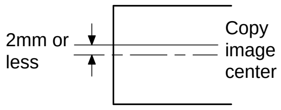
This adjustment is made only when the copy image center shift adjustment cannot be completed with procedures a ~ e.

① Set the test chart on the original table using the mark on the original stopper as the reference.

② Select the paper feed tray unit (No. 1), and make a copy on A4 (11 × 8.5") paper. Check for the copy image center shift.

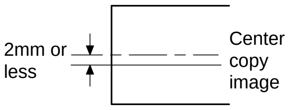


(Original)



(Copy)

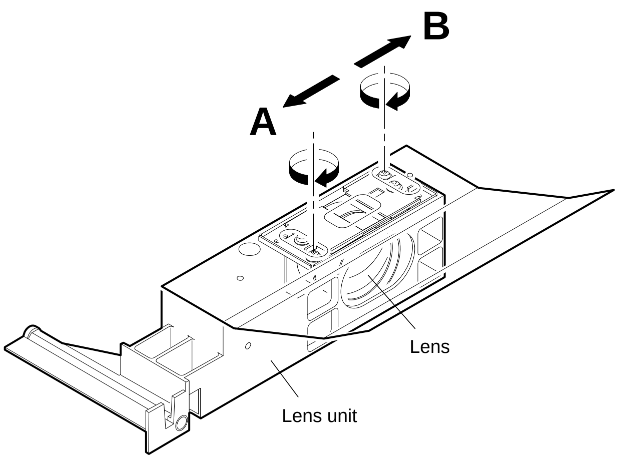
Move the lens to A.



(Copy)

Move the lens to B.

③ If the center shift is outside the specified range, change the lens unit installing position back and forth.



When the lens unit installing position is changed, be sure to perform procedures a ~ e again.

Be sure also to adjust the blank lamp position.

(3) Focus adjustment (No. 4/5 mirror unit reference position adjustment)

The focus adjustment is made by making a normal copy, a reduction copy, and an enlargement copy with SIM 48-1 (48E, 48D, 48F) and checking focus.

When replacing the lens or in the case of memory trouble, however, the method by making copy and checking focus and entering the adjustment value is not efficient.

In that case, calculate the input value depending on the value displayed on the lens and the table, enter the adjustment value temporarily with SIM 48-3, make copies with SIM 48-1 (48E, 48D, 48F), check the focus, and enter the final adjustment value.

I. Focus adjustment value input (Temporal adjustment value input)

Enter the input for each of the normal copy, the enlargement copy, and the reduction copy with SIM 48-3.

Normally this adjustment is not required.

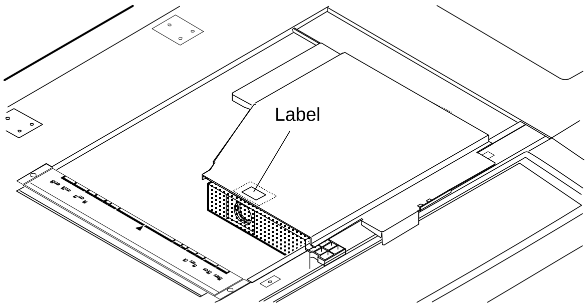
In this adjustment, the input value is calculated depending on the value displayed on the lens and the formula and the table, and it is set.

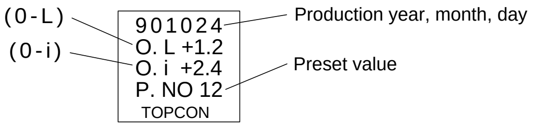
Therefore, the adjustment value to be entered is not the final adjustment value. It is only a temporary value.

When replacing the lens or in the case of memory trouble, however, the method by making copy and checking focus and entering the adjustment value is not efficient.

In that case, calculate the input value depending on the value displayed on the lens and the table, enter the adjustment value temporarily with SIM 48-3, make copies with SIM 48-1 (48E, 48D, 48F), check the focus, and enter the final adjustment value.

The normal copy adjustment value is calculated, the enlargement and the reduction copy adjustment value are calculated from the table.





Label indication

a. Normal copy focus adjustment value input method

① Calculate the normal copy focus adjustment value.

Calculation method: SIM 48-3 (48D) = 60 – (OI × 5)

② Enter the normal copy focus adjustment value input mode.
C → P → 0 → P → 48-3 → PSW (Execute SIM 48-3.)
Select 48D with the scroll key. (The currently set value is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Enter the calculated value.
Enter the calculated value with the 10-key pad and press the START button.

b. Enlargement copy focus adjustment input method

① Calculate the set value from the table A (SIM 48-3-48F).

(Table A)

Lens OI	Set value			
	SIM48-3-48A SIM48-1-48A	SIM48-3-48D SIM48-1-48D	SIM48-3-48B SIM48-3-48C SIM48-1-48B SIM48-3-48C	SIM48-3-48E SIM48-3-48F SIM48-1-48E SIM48-3-48F
–8.8 ~ –7.6	50 – (OI/2 × 5)	60 – (OI/2 × 10)	1	1
–7.7 ~ –6.8			2	2
–6.8 ~ –6.0			3	3
–6.0 ~ –5.2			4	4
–5.2 ~ –4.4			5	5
–4.4 ~ –3.6			6	6
–3.6 ~ –2.8			7	7
–2.8 ~ –2.0			8	8
–2.0 ~ –1.2			9	9
–1.2 ~ –0.4			10	10
–0.4 ~ +0.4			11	11
+0.4 ~ +1.2			12	12
+1.2 ~ +2.0			13	13
+2.0 ~ +2.8			14	14
+2.8 ~ +3.6			15	15
+3.6 ~ +4.4			16	16
+4.4 ~ +5.2			17	17
+5.2 ~ +6.0			18	18
+6.0 ~ +6.8			19	19
+6.8 ~ +7.6			20	20
+7.6 ~ +8.8			21	21

② Enter the input mode of the enlargement copy focus adjustment value.
C → P → 0 → P → 48-3 → PSW (Execute SIM 48-3.)
Select 48F with the scroll key. (The currently set value is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Enter the calculated value.
Enter the calculated value with the 10-key pad and press PSW.

c. Reduction copy focus adjustment value input method

① Calculate the set value (SIM 48-3 (48E)) from Table A.

② Enter the reduction copy focus adjustment value input mode.
C → P → O → P → 48-3 → PSW (Execute SIM 48-3.)
Select 48E with the scroll key. (The currently set value is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Enter the calculated value.
Enter the calculated value with the 10-key pad and press PSW.

The set values of SIM 48-1 (48E, 48D, 48F) and the set values of SIM 48-3 (48D, 48F, 48E) are related bi-directionally and the same with each other. If one side is changed, the other related side will be automatically changed.

48-3 (48E) = 48-1 (48E)

48-3 (48D) = 48-1 (48D)

48-3 (48F) = 48-1 (48F)

SIM 48-1 (48E, 48D, 48F) is accompanied with copying, and SIM 48-3 (48D, 48F, 48E) is not accompanied with copying.

II. Focus adjustment

In this adjustment, copying is made with SIM 48-1 (48E, 48D, 48F), the focus is checked, and the adjustment value is entered.

The focus adjustment must be performed for each of the normal, the reduction, and the enlargement copy.

(Standard) (Unit: lines/mm)

	Copy center	Corners
Normal (100%)	5.0	4.5
Enlargement (200%)	5.0	4.5
Reduction (50%)	3.2	2.8

a. Normal copy focus adjustment method

① Set the resolution test chart (UKOG-0089CSZZ) on the original table, and select A3 (11 × 17") copy paper.

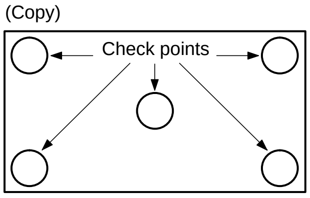
② Set to the normal copy focus adjustment mode.
C → P → 0 → P → 48-1 → PSW (Execute SIM 48-1.)
Select 48D with the scroll key. (The currently set values is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Make a normal (100%) copy and check the resolution.

Center: 5.0 lines/mm

Corners: 4.5 lines/mm

(Note) Be sure to make a copy in the manual copy mode for checking.



④ If the resolution is not within the above range, change the set value and check the resolution similarly.
(Enter the set value with the 10-key pad and press the PSW.)

Repeat procedures 3) and 4) until the resolution is within the specified range.

b. Enlargement copy focus adjustment method

① Set the resolution test chart (UKOG-0089CSZZ) on the original table, and select A3 (11 × 17") copy paper.

② Set to the enlargement copy focus adjustment mode.
C → P → 0 → P → 48-1 → PSW (Execute SIM 48-1.)
Select 48F with the scroll key. (The currently set values is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Make an enlargement (200%) copy and check the resolution.

Center: 5.0 lines/mm

Corners: 4.5 lines/mm

(Note) Be sure to make a copy in manual copy mode for checking.

④ If the resolution is not within the above range, change the set value and check the resolution similarly.
(Enter the set value with the 10-key pad and press the PSW.)

Repeat procedures 3) and 4) until the resolution is within the specified range.

c. Reduction copy focus adjustment method

① Set the resolution test chart (UKOG-0089CSZZ) on the original table, and select A3 (11 × 17") copy paper.

② Set to the enlargement copy focus adjustment mode.
C → P → 0 → P → 48-1 → PSW (Execute SIM 48-1.)
Select 48E with the scroll key. (The currently set values is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Make a reduction (50%) copy and check the resolution.

Center: 3.2 lines/mm

Corners: 2.8 lines/mm

(Note) Be sure to make a copy in the manual copy mode for checking.

④ If the resolution is not within the above range, change the set value and check the resolution similarly.
(Enter the set value with the 10-key pad and press the PSW.)

Repeat procedures 3) and 4) until the resolution is within the specified range.

The set values of SIM 48-1 (48E, 48D, 48F) and the set values of SIM 48-3 (48E, 48D, 48F) are related bi-directionally and the same with each other. If one side is changed, the other related side will be automatically changed.

48-3 (48E) = 48-1 (48E)

48-3 (48D) = 48-1 (48D)

48-3 (48F) = 48-1 (48F)

SIM 48-1 (48E, 48D, 48F) is accompanied with copying, and SIM 48-3 (48E, 48D, 48F) is not accompanied with copying.

(4) Vertical copy magnification ratio adjustment (lens unit reference position adjustment)

The vertical copy magnification ratio adjustment is made by making a normal copy, a reduction copy, and an enlargement copy with SIM 48-1 (48A, 48B, 48C) and checking focus.

When replacing the lens or in the case of memory trouble, however, the method by making copy and checking focus and entering the adjustment value is not efficient.

In that case, calculate the input value depending on the value displayed on the lens and the table, enter the adjustment value temporarily with SIM 48-3, make copies with SIM 48-1 (48A, 48B, 48C), check the focus, and enter the final adjustment value.

I. Vertical copy magnification ratio adjustment value input (Temporal adjustment value input)

Enter the input for each of the normal copy, the enlargement coy, and the reduction copy with SIM 48-3.

Normally this adjustment is not required.

In this adjustment, the input value is calculated depending on the value displayed on the lens and the formula and the table, and it is set.

Therefore, the adjustment value to be entered is not the final adjustment value. It is only a temporary value.

When replacing the lens or in the case of memory trouble, however, the method by making copy and checking focus and entering the adjustment value is not efficient.

In that case, calculate the input value depending on the value displayed on the lens and the table, enter the adjustment value temporarily with SIM 48-3, make copies with SIM 48-1 (48A, 48B, 48C), check the focus, and enter the final adjustment value.

The normal copy adjustment value is calculated, the enlargement and the reduction copy adjustment value are calculated from Table A.

a. Normal copy magnification ratio adjustment value input method (Vertical)

① Calculate the normal copy magnification ratio adjustment value.

Calculation method: SIM 48-3 (48A) = 50 – (OL × 5)

② Enter the normal copy focus adjustment value input mode.
C → P → 0 → P → 48-3 → PSW (Execute SIM 48-3.)
Select 48A with the scroll key. (The currently set value is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Enter the calculated value.
Enter the calculated value with the 10-key pad and press the START button.

b. Enlargement copy magnification ratio adjustment input method (Vertical)

① Calculate the set value from the table A (SIM 48-3 (48C)).

② Enter the input mode of the enlargement copy magnification ratio adjustment mode.
C → P → 0 → P → 48-3 → PSW (Execute SIM 48-3.)
Select 48C with the scroll key. (The currently set value is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Enter the calculated value.
Enter the calculated value with the 10-key pad and press PSW.

c. Reduction copy focus adjustment value input method (Vertical)

① Calculate the set value (SIM 48-3 (48B)) from Table A.

② Enter the reduction copy focus adjustment value input mode.
C → P → O → P → 48-3 → PSW (Execute SIM 48-3.)
Select 48B with the scroll key. (The currently set value is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Enter the calculated value.
Enter the calculated value with the 10-key pad and press PSW.

The set values of SIM 48-1 (48A, 48B, 48C) and the set values of SIM 48-3 (48A, 48B, 48C) are related bi-directionally and the same with each other. If one side is changed, the other related side will be automatically changed.

48-3 (48A) = 48-1 (48A)

48-3 (48B) = 48-1 (48B)

48-3 (48C) = 48-1 (48C)

SIM 48-1 (48A, 48B, 48C) is accompanied with copying, and SIM 48-3 (48A, 48B, 48C) is not accompanied with copying.

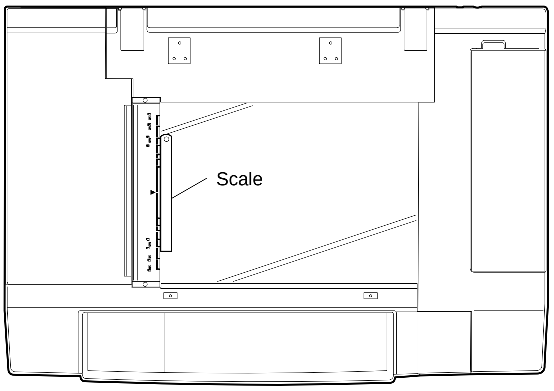
II. Vertical copy magnification ratio adjustment

In this adjustment, copying is made with SIM 48-1 (48A, 48B, 48C), the focus is checked, and the adjustment value is entered.

The focus adjustment must be performed for each of the normal, the reduction, and the enlargement copy.

a. Normal copy focus adjustment method

① Set a scale on the original table as shown below.



② Set to the normal copy magnification ratio adjustment mode.
C → P → 0 → P → 48-1 → PSW (Execute SIM 48-1.)
Select 48A with the scroll key. (The currently set values is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Make a normal (100%) copy.

④ Compare the copy image size and the actual scale size to calculate the vertical copy magnification ratio correction value.

Vertical copy magnification ratio correction value (%)

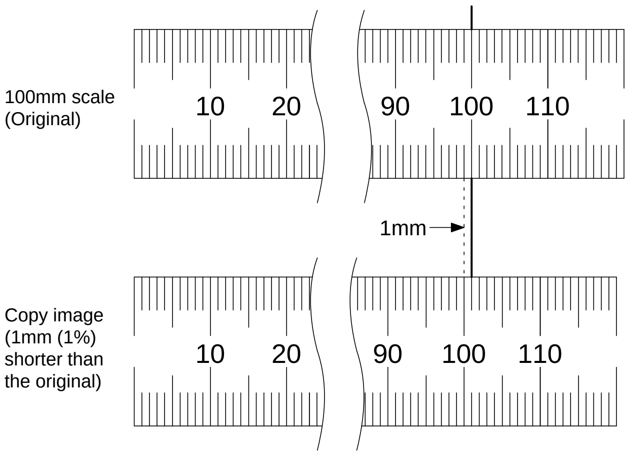
$$= \frac{\text{Original length} - \text{Copy image length}}{\text{Original length}} \times 100$$

If the correction value is not within ±1%, change the set value and check the copy magnification ratio similarly.
(Enter the set value with the 10-key pad and press the PSW.)

The new adjustment value can be roughly obtained from the following formula:

New adjustment value = Old adjustment value + Vertical copy magnification ratio correction value × 10

Repeat the adjustment procedures until the vertical copy magnification ratio is within the specified range.



b. Enlargement copy magnification ratio adjustment method (Vertical)

① Set a scale on the original table similarly to the normal copy magnification ratio adjustment.

② Set to the enlargement copy magnification ratio adjustment mode.
C → P → 0 → P → 48-1 → PSW (Execute SIM 48-1.)
Select 48C with the scroll key. (The currently set values is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Make an enlargement (200%) copy.
Compare the copy image size and the actual scale size to calculate the vertical copy magnification ratio correction value.

Vertical copy magnification ratio correction value (%)

$$= \frac{\text{Original length} - \text{Copy image length}}{\text{Original length} \times 2} \times 100$$

If the correction value is not within ±1%, change the set value and check the copy magnification ratio similarly.
(Enter the set value with the 10-key pad and press the PSW.)

The new adjustment value can be roughly obtained from the following formula:

New adjustment value = Old adjustment value + Vertical copy magnification ratio correction value × 10

Repeat the adjustment procedures until the vertical copy magnification ratio is within the specified range.

c. Reduction copy magnification ratio adjustment method (Vertical)

① Set a scale on the original table similarly to the normal copy magnification ratio adjustment.

② Set to the reduction copy magnification ratio adjustment mode.
C → P → 0 → P → 48-1 → PSW (Execute SIM 48-1.)
Select 48B with the scroll key. (The currently set values is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Make a reduction (50%) copy.
Compare the copy image size and the actual scale size to calculate the vertical copy magnification ratio correction value.

Vertical copy magnification ratio correction value (%)

$$= \frac{\text{Original length} - \text{Copy image length}}{\text{Original length} \times 0.5} \times 100$$

If the correction value is not within ±1%, change the set value and check the copy magnification ratio similarly.
(Enter the set value with the 10-key pad and press the PSW.)

The new adjustment value can be roughly obtained from the following formula:

New adjustment value = Old adjustment value + Vertical copy magnification ratio correction value × 10

Repeat the adjustment procedures until the vertical copy magnification ratio is within the specified range.

The set values of SIM 48-1 (48A, 48B, 48C) and the set values of SIM 48-3 (48A, 48B, 48C) are related bi-directionally and the same with each other. If one side is changed, the other related side will be automatically changed.

48-3 (48A) = 48-1 (48A)

48-3 (48B) = 48-1 (48B)

48-3 (48C) = 48-1 (48C)

SIM 48-1 (48A, 48B, 48C) is accompanied with copying, and SIM 48-3 (48A, 48B, 48C) is not accompanied with copying.

(5) Horizontal copy magnification ratio adjustment

In this adjustment, SIM 48-1 (48G) is used to make a copy, the copy magnification ratio is checked, and the adjustment value is entered.

a. Horizontal copy magnification ratio adjustment method

① Set a scale on the original table similar to the normal copy magnification ratio adjustment.

② Set to the reduction copy magnification ratio adjustment mode.
C → P → 0 → P → 48-1 → PSW (Execute SIM 48-1.)
Select 48G with the scroll key. (The currently set value is displayed.)
The input mode (normal, enlargement, reduction) can be selected with the scroll key.

③ Make a normal copy (100%).

④ Compare the copy image size and the actual scale size to calculate the vertical copy magnification ratio correction value.

Vertical copy magnification ratio correction value (%)

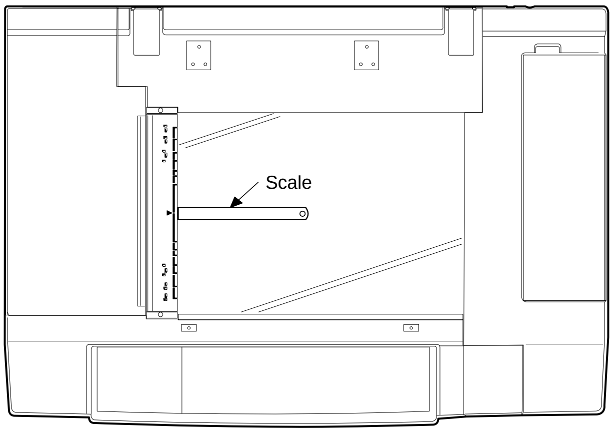
$$= \frac{\text{Original length} - \text{Copy image length}}{\text{Original length}} \times 100$$

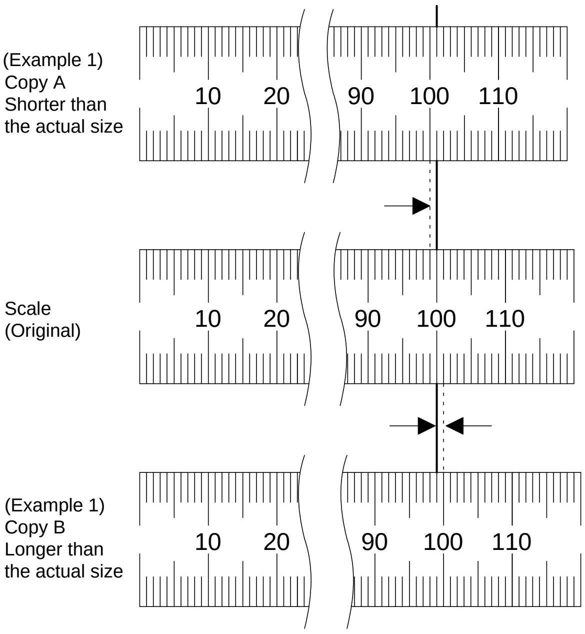
If the correction value is not within ±1%, change the set value and check the copy magnification ratio similarly.
(Enter the set value with the 10-key pad and press the PSW.)

The new adjustment value can be roughly obtained from the following formula:

New adjustment value = Old adjustment value + Vertical copy magnification ratio correction value × 10

Repeat the adjustment procedures until the vertical copy magnification ratio is within the specified range.

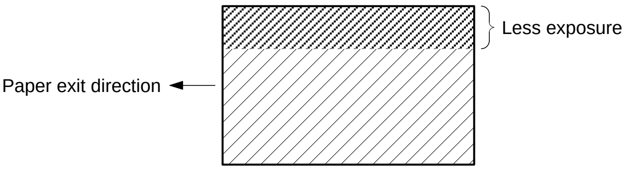




(6) Uniformity adjustment

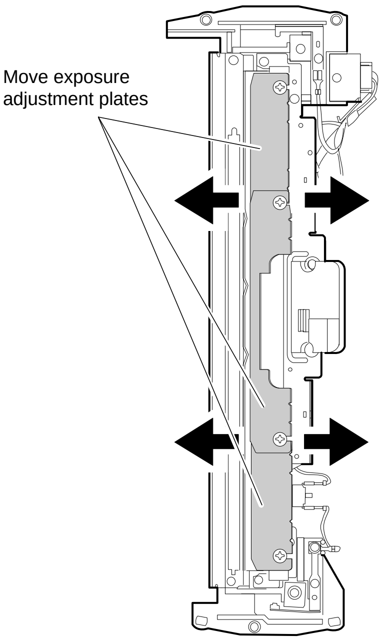
Make a half tone copy in the normal photo copy mode. Move exposure adjustment plates a, b, and c in the directions of A and B. When the plate is moved in the direction of A, the exposure becomes dark. When the plate is moved in the direction of B, the exposure becomes light.

(Example) When a copy shown below is made, move the front exposure adjustment plate in the direction of B to make exposure balance.



Half tone copy

(Note) Do not move the exposure adjustment plates further in the direction of B from the reflector edge. (If moved, the AE sensor detection area is changed, and the AE copy mode density becomes improper.)



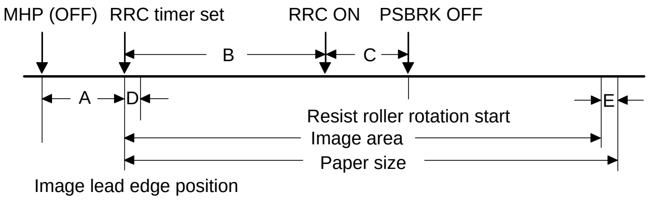
(7) Image loss/void area adjustment

Image loss void area specifications

Item	Lead edge	Rear edge
Image loss	1.0 ~ 4.5 mm	—
Void area	1.0 ~ 3.0 mm	1.0 ~ 3.0 mm
Image shift from paper	0±1.5 mm	—

Use SIM 50-01 or 50-02 for the lead edge image loss/void area adjustment and the rear edge void area adjustment in the duplex copy mode.

(Normal copy mode) Image loss: 1 ~ 4.5mm
Void area: 1 ~ 3mm

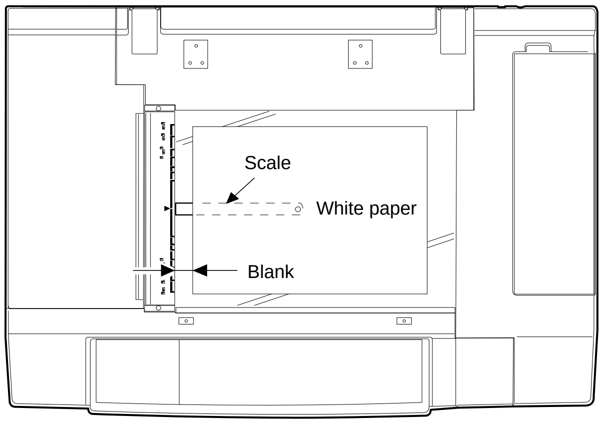

MHP (OFF)
RRC timer set
RRC ON
PSBRK OFF
B
C
A
D
E
Resist roller rotation start
Image area
Paper size
Image lead edge position

A: 50A data (RRC-A)
B: 50B data (RRC-B)
C: 50C data (RRC ON ~ PSBPK OFF)
D: 50D data (Blank lamp OFF)
E: 50E data (Blank lamp ON)

(When SIM 50-01 is used for adjustment)

Adjustment procedure

① Set a scale and A3 (11 × 17") paper on the original table as shown below:


Scale
White paper
Blank

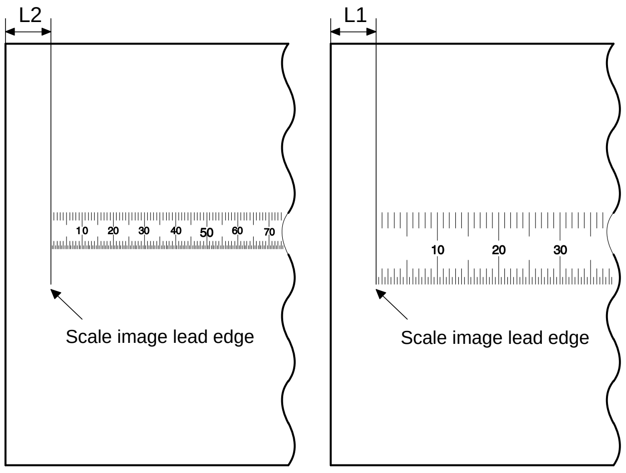
② Enter the SIM 50-02 mode.

The ready lamp lights up and the previously set value (1 ~ 99) is displayed.
Content of 50A (RRC-A)

③ Set 50A, 50B, 50D, and 50E to "0" and C to "10." Make a copy in each magnification ratio of 100% and 200%.

- (Make copies with the RADF section open.)

④ Measure the distance between the copy lead edge and the image (scale) lead edge in each copy. Obtain 50A (RRC-A) and 50B (RRC-B) from the following formula:


L2
L1
10 20 30 40 50 60 70
10 20 30
Scale image lead edge
Scale image lead edge

Normal copy (100%)   Enlargement copy (200%)

- L1: 200% lead edge shift amount [mm]
- L2: 100% lead edge shift amount [mm]
- 50A (RRC-A): 4.72222 × (L1 – L2)
- 50B (RRC-B): 7.2202 × L2 – 3.6101 × L1

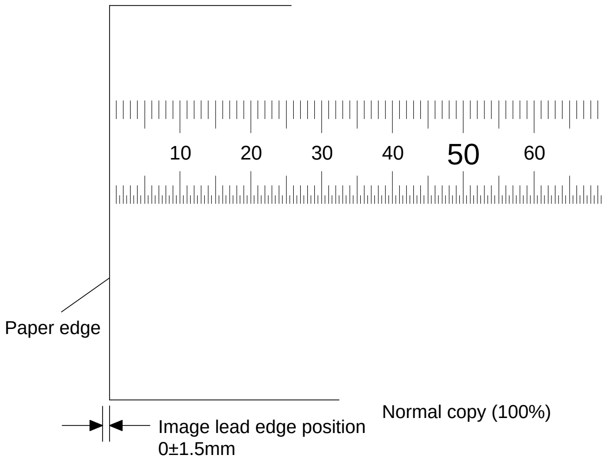
⑤ Enter the obtained values of 50A (RRC-A) and 50B (RRC-B) with the 10-key pad, and press the START button. (Similarly with (3).)

⑥ Make a copy in each magnification ratio of 200%, 100% and 50%. Check for variations in the paper lead edge between different ratios. (Within about 1.0mm)
If there is an excessive variation, change the value of 50A.

If the preset value of 50A (RRC-A) is not proper, the image lead edge position differs in different copy magnification ratio. The value of 50B (RRC-B) is used for adjusting RRC ON timing to fit the drum image lead edge and the transfer paper lead edge.

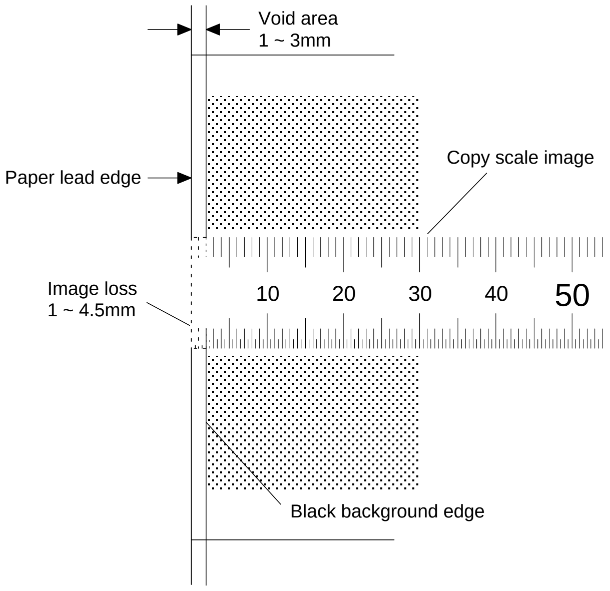
⑦ Make a normal copy, and check that the copy image lead edge position is within 0 ±1.5mm from the paper edge. If the image lead edge position is not within the above range, change the value of RRC-B and repeat the adjustment until it is within the above range.

(Note) The image loss adjustment value in the above is just for the adjustment, and not the final adjustment value.


10 20 30 40 50 60
Paper edge
Normal copy (100%)
Image lead edge position
0±1.5mm

⑧ With the RADF open, make a copy. Enter the normal copy lead edge void area adjustment value (50D) with the 10-key pad so that the black background section edge is at 1 ~ 3 mm of the copy scale image.

When a copy is made, the key input value is set. The change in the set value by 1 corresponds to about 0.5mm in the void area. The greater the set value is, the greater the void area is.


Void area
1 ~ 3mm
Copy scale image
Paper lead edge
Image loss
1 ~ 4.5mm
10
20
30
40
50
Black background edge

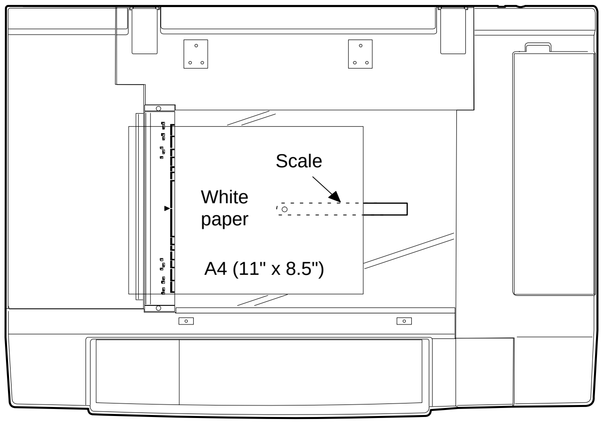
⑨ Make a normal copy and check that the image loss and the void area are within the specified range.

(Standard range)

Image loss: 1 ~ 4.5mm

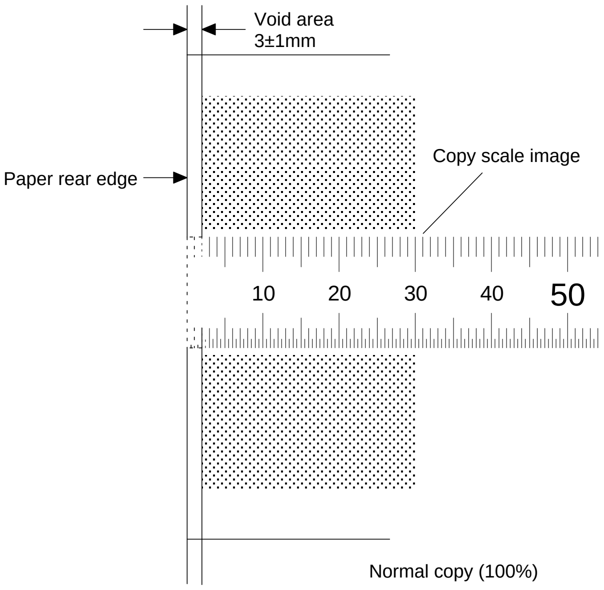
Void area: 1 ~ 3mm

⑩ Set a scale and A4 (11 × 8.5") paper on the original table as shown below.


Scale
White paper
A4 (11" x 8.5")

⑪ Make a normal copy and check that the rear edge void area is within the range of 3±1mm. If not, change the value of 50E so that it is in the above range.

(Make a copy with the RADF open.)


Void area
3±1mm
Copy scale image
Paper rear edge
10
20
30
40
50
Normal copy (100%)

⑫ Press the CLEAR key to cancel SIM 50-01.

(Note) When the set value of SIM 50-01 50A (RRC-A) or 50B (RRC-B), be sure to adjust the copy lead edge void area adjustment.

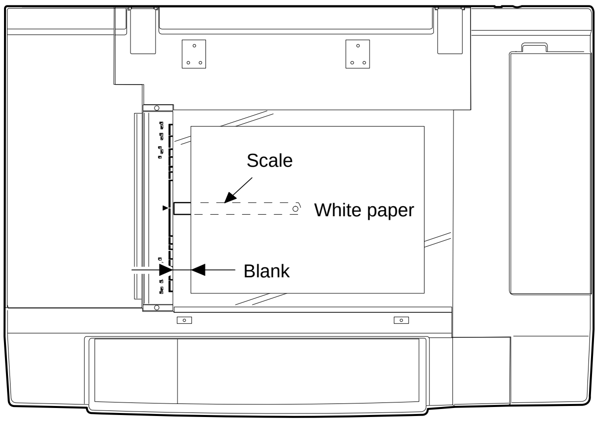
(When SIM 50-02 is used for adjustment)

The keys and display functions are the same as SIM 50-01. In SIM 50-02, L1 and L2 values are directly set for simple lead edge adjustment.

The void area adjustment can be performed similarly with SIM 50-01.

Adjustment procedure

① Set a scale and A4 (11 × 8.5") paper on the original table as shown below.


Scale
White paper
Blank

② Enter the SIM 50-2 mode.

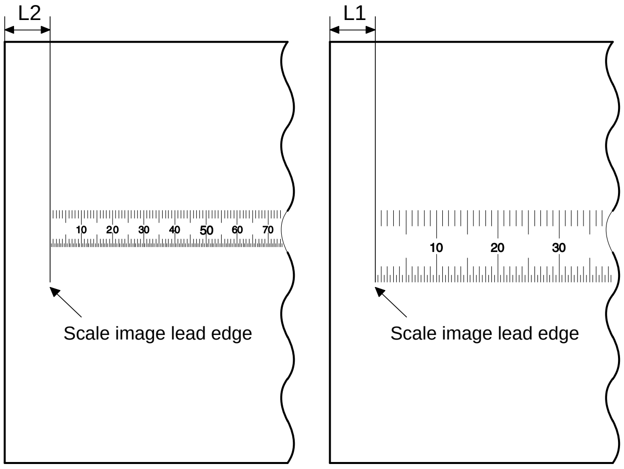
When the ready lamp lights up, the previously set value (1 ~ 99) is displayed. Content of 50A (RRC-A)

③ Set 50A, 50B, 50D, and 50E to "0" and C to "10." Make a copy in each magnification ratio of 100% and 200%.

- Make copies with the RADF open.
- Select the input content with the scroll key.

④ Measure the distance between the copy lead edge and the image (scale) lead edge in each copy. Obtain 50A (RRC-A) and 50B (RRC-B) from the following formula:

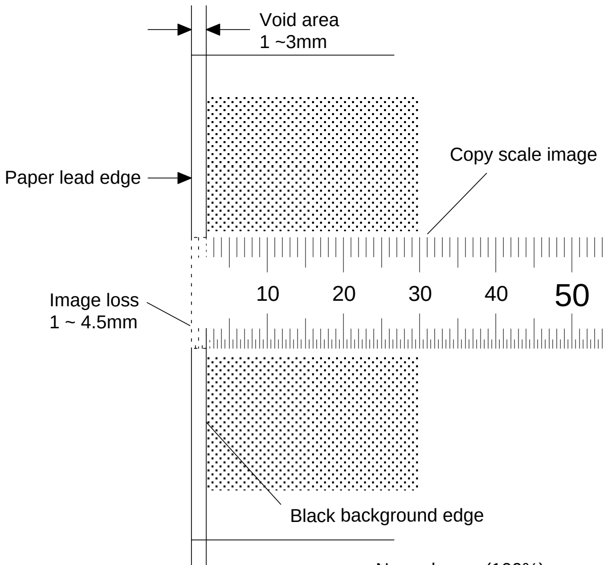
- L1: 200% lead edge shift amount [mm]
- L2: 100% lead edge shift amount [mm]
- 50A (RRC-A) = L1 × 10
- 50B (RRC-B) = L2 × 10


L2
L1
10 20 30 40 50 60 70
10 20 30
Scale image lead edge
Scale image lead edge

Normal copy (100%) Enlargement copy (200%)

⑤ Enter the obtained values of 50A (RRC-A) and 50B (RRC-B) with the 10-key pad, and press the START button. (Similarly with ③.)

⑥ Adjust 50C, 50D, and 50E similarly with SIM 50-1.


Void area
1 ~3mm
Copy scale image
Paper lead edge
10 20 30 40 50
Image loss
1 ~ 4.5mm
Black background edge

Normal copy (100%)

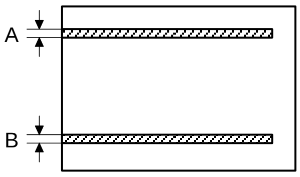
(8) Blank lamp position adjustment

This adjustment must be performed after completion of the copy image center position adjustment.

① Set A3 (11 × 17") white paper on the original table, and make a reduction copy (64%) on A4 paper with RADF open.

② Measure the black background section size at either side of the copy, and adjust the blank lamp unit position back and forth so that the difference in the sizes is within 1mm.

Adjustment screw: 1 rotation = 0.5mm change
1/2 rotation = 0.25mm change



(A-B)≦1mm

4. Image forming section

Image forming section adjustment list

Section		Content		Details		Method
A	Photoconductor drum unit	(1)	Photoconductor drum sensitivity setting			Set SIM 26-7 set value to the sensitivity No. of the installed photoconductor drum.
		(2)	Photoconductor drum correction counter reset			Reset the photoconductor drum correction counter with SIM 24-7.
B	Charger unit	(1)	Transfer charger current adjustment			Change SIM 8-6 set value to adjust the output current.
		(2)	Pre-transfer charger current adjustment			Execute SM 8-5 and adjust VR on the high voltage PWB to adjust the output current.
		(3)	Main charger current balance adjustment	a	Manual copy mode main charger current balance adjustment	Execute SIM 8-2 to perform the main charger unit current balance adjustment.
		(4)	Main charger voltage adjustment	a	Manual copy mode main charger voltage adjustment	Change SIM 8-2A set value to adjust the output voltage.
				b	Photo copy mode main charger voltage adjustment	Change SIM 8-2B set value to adjust the output voltage.
				c	Toner save copy mode main charger voltage adjustment	Change SIM 8-2C set value to adjust the output voltage.
		(5)	Separation charger voltage adjustment			Change SIM 8-7 set value to adjust the output voltage.
C	Cleaner unit	(1)	Cleaning blade position adjustment			Change the cleaning blade positioning plate position to adjust.
D	Developing unit	(1)	Doctor gap adjustment			Change the doctor position to adjust.
		(2)	Developing roller main electrode position adjustment			Change the developing roller main electrode positioning plate position to adjust.
		(3)	Developing bias voltage adjustment			Execute SIM 8-1 set value and adjust VR on the high voltage PWB to adjust the output voltage.
		(4)	Toner concentration adjustment			Use SIM 25-2 to set the initial density.
		(5)	Developer counter reset			Use SIM 42 to reset the developer counter.
E	Waste toner collection unit	(1)	Waste toner full detection level adjustment			Change the waste toner detection spring tension adjustment nut position to adjust.

A. Photoconductor drum unit

(1) Photoconductor drum sensitivity setting

When the photoconductor drum is replaced, be sure to set the sensitivity class with this simulation.

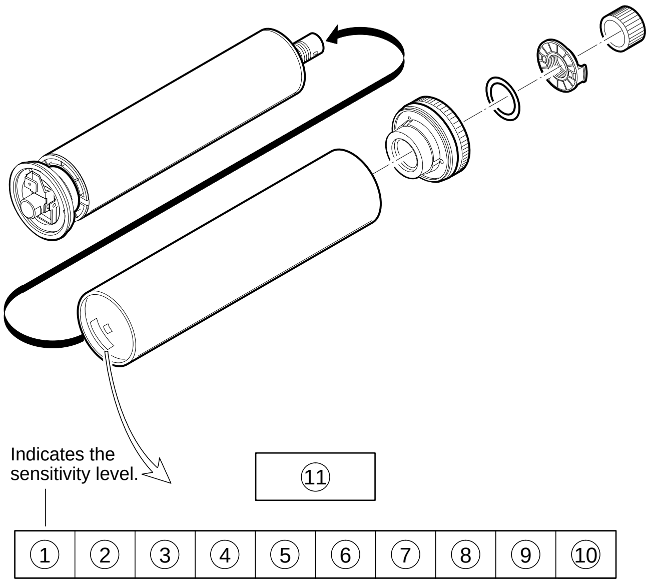
Enter the code number corresponding to the sensitivity class to be set, and press the START button. The code is displayed on the COPIES MADE display.

```
SIMULATION NO. 26-7
DRUM SENSITIVITY SETUP
 INPUT 1~3
```

The sensitivity level is displayed on the label attached inside the photoconductor drum.

The top digit of the number shows the sensitivity level. Set this number.

Sensitivity level "1" is the lowest sensitivity, "3" is the highest.



(2) Photoconductor drum correction counter reset

When the photoconductor drum is replaced, be sure to reset the photoconductor drum correction counter.

1) Execute SIM 24-7.

```
SIMULATION 24-7

OPC DRUM CORRECTION COUNTER CLEAR
ARE YOU SURE ?
1. YES      2. NO
```

B. Charger unit

Adjustment list

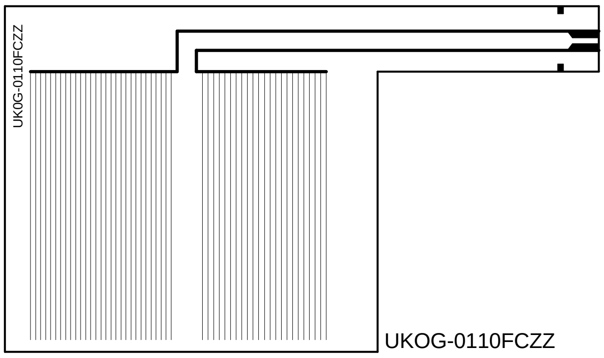
No.	Item	Mode	Voltage	Current	Current balance (F/R)	SIM	Remark
1	Main charger current balance adjustment				10µA or less	8-2A	
2	Main charger voltage adjustment	Normal	–750±5V			8-2A	
		Photo	–490±5V			8-2B	
		Toner save	–645±5V			8-2C	
3	Pre-transfer discharger current adjustment			+15±3µA	7µA or less	8-5	
4	Transfer charger current adjustment			–55±5µA	7µA or less	8-6	
5	Charger voltage adjustment		+440±20V			8-7	

Separation corona adjustment for sea level

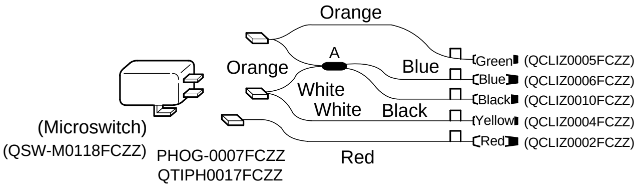
Sea level	Connect connector CN2 (High voltage section)	Output voltage
0 ~ 2000 m	Connect 1 pin and 4 pin.	AC6.00±0.2KV
2000 ~ 3000 m	No connection	AC5.25±0.2KV
3000 m ~	Connect 3 pin and 6 pin.	AC5.00±0.2KV

Tools

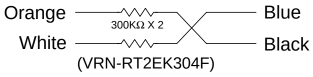
Electrode sheet (UKOG-0110FCZZ)


UKOG-0110FCZZ
UKOG-0110FCZZ

Electrode sheet harness (DHAI-0304FCZZ)


Orange
A
Orange
Blue
White
White
Black
Red
Green
Blue
Black
Yellow
Red
(QCLIZ0005FCZZ)
(QCLIZ0006FCZZ)
(QCLIZ0010FCZZ)
(QCLIZ0004FCZZ)
(QCLIZ0002FCZZ)
(Microswitch)
(QSW-M0118FCZZ)
PHOG-0007FCZZ
QTIPH0017FCZZ

(A section wiring diagram)


Orange
White
300KΩ X 2
Blue
Black
(VRN-RT2EK304F)

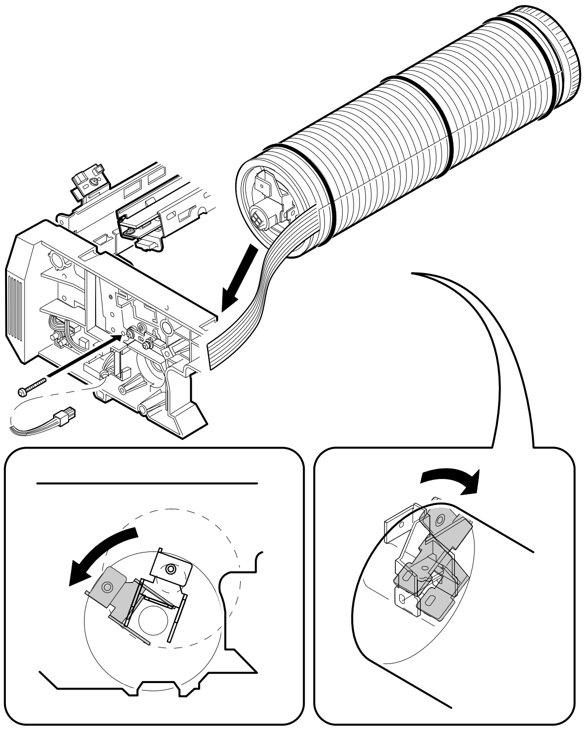
(1) Transfer charger current adjustment

① Remove the developing unit from the copier.

② Pull out the process unit from the copier, and remove the cleaner unit, the transfer/separation charger unit, and the main charger unit.

③ Remove the photoconductor drum from the process unit, and use rubber bands and tapes to install the electrode sheet.
(It is advisable to use an old, needless drum.)

④ Install the photoconductor drum to which the electrode sheet is installed to the process unit.



⑤ Install the photoconductor drum unit into the copier so that the electrode sheet lead wire can be extended from the developing unit side.

⑥ Clean the transfer charger wire, and install the transfer/separation charger unit into the copier.
(Do not install the main charger.)

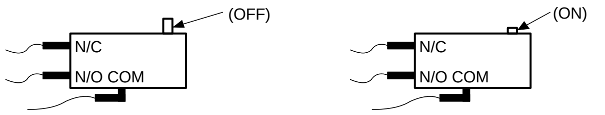
⑦ Connect the electrode sheet, the electrode harness, and the digital multi-meter. (Or connect to an ammeter.)

⑧ With the front cabinet opened (the front cabinet switch OFF), turn on the main switch to execute SIM 8-06.

⑨ Manually turn on the front cabinet switch.

⑩ Measure the drum current on the front frame side and on the rear frame side.

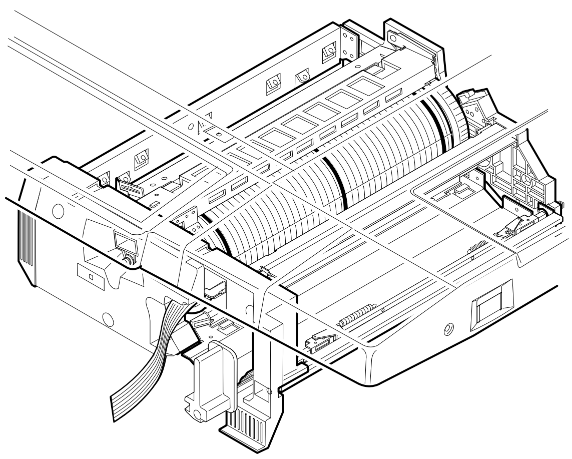
- When the microswitch is OFF: The drum current on the front frame side is displayed.
- When the microswitch is ON: The drum current on the rear frame side is displayed.

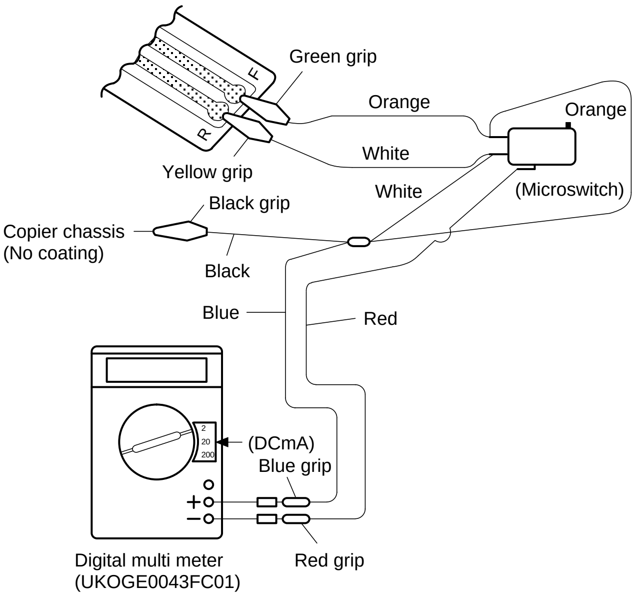

(OFF)
N/C
N/O COM
(ON)
N/C
N/O COM

Check that the difference of current between the front and the rear frame sides is 7.0A or less. If the difference exceeds 7.0A, the charger unit is defective. Replace the charger unit with a new one.

⑪ Change the set value of SIM 8-6 so that the transfer charger output current is –55 ±3µA.

Adjustment range: 11 ~ 56




Green grip
F
R
Orange
Orange
White
Yellow grip
White
(Microswitch)
Black grip
Copier chassis
(No coating)
Black
Blue
Red
2
20
200
(DCmA)
Blue grip
+
–
Digital multi meter
(UKOGE0043FC01)
Red grip

(Note) Check that the black grip is completely grounded to the copier chassis.

When UKOGE0043CS01 is used

Knob 1: Set to DCmA.
Knob 2: Set to 2.
Red grip: Connect to ⊕.
Blue grip: Connect to ⊖.

When a direct ammeter is used

Red grip: Connect to ⊖ of the direct ammeter.
Blue grip: Connect to ⊕ of the direct ammeter.

(2) Pre-transfer charger current adjustment

① Perform procedures of (1)-① to ⑤.

② Clean the pre-transfer discharger wire, and install to the copier. (Do not install the main charger.)

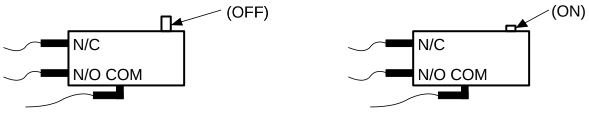
③ Connect the electrode sheet, the electrode harness, and the digital multi-meter. (Or connect to an ammeter.)

④ With the front cabinet open (the front cabinet switch ON), turn on the main switch to execute SIM 8-05.

⑤ Manually turn on the front cabinet switch.

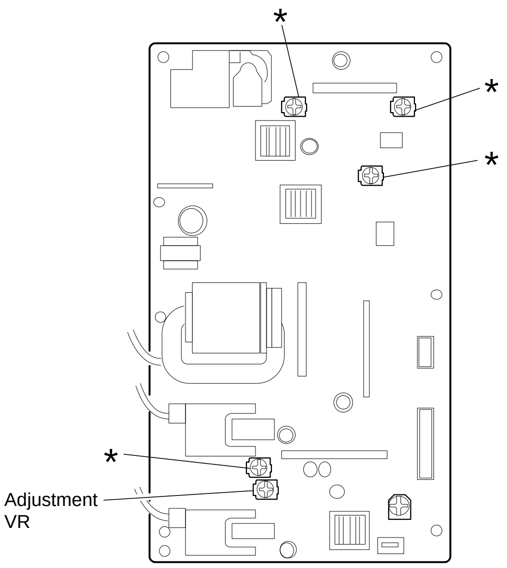
⑥ Measure the drum current on the front frame side and on the rear frame side.

- When the microswitch is OFF: The drum current on the front frame side is displayed.
- When the microswitch is ON: The drum current on the rear frame side is displayed.


(OFF)
N/C
N/O COM
(ON)
N/C
N/O COM

Check that the difference of current between the front and the rear frame sides is 7.0µA or less. If the difference exceeds 7.0µA, the charger unit is defective. Replace the charger unit with a new one.

⑦ Adjust the pre-transfer discharger output adjustment volume so that the PTHVG output current is +15 ±3µA.


*
*
*
*
Adjustment VR

* : Never touch these VR's.

(3) Main charger current balance adjustment

Check only the difference (balance) of the drum current on the front frame side and on the rear frame side.

① Perform procedures of (1)-① to ⑤.

② Clean the pre-transfer discharger wire, and install to the copier.

(Do not install the transfer/separation charger.)

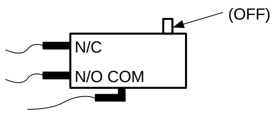
③ Connect the electrode sheet, the electrode harness, and the digital multi-meter. (Or connect to an ammeter.)

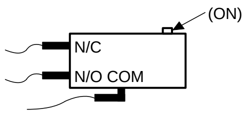
④ With the front cabinet open (the front cabinet switch OFF), turn on the main switch to execute SIM 8-02.

⑤ Manually turn on the front cabinet switch.

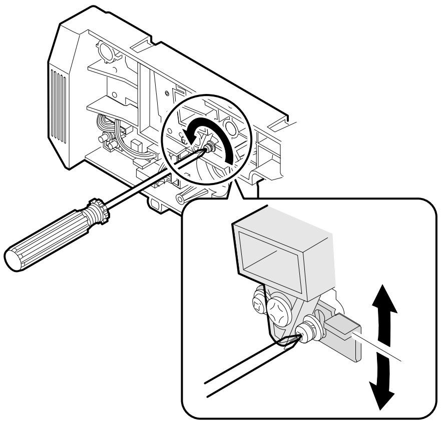
⑥ Measure the drum current on the front frame side and on the rear frame side.

- When the microswitch is OFF: The drum current on the front frame side is displayed.
- When the microswitch is ON: The drum current on the rear frame side is displayed.





Check that the difference of current between the front and the rear frame sides is 10.0µA or less. If the difference exceeds 10.0µA, use the height adjustment function provided in the process unit to adjust.



(4) Main charger grid voltage adjustment

Measure the output at the check pin on the high voltage PWB, and adjust it to the range shown below.

Adjustment output	Simulation	Adjustment value
MC grid voltage (N)	8-2A	–750±5V
MC grid voltage (P)	8-2B	–490±5V
MC grid voltage (T/S)	8-2C	–645±5V

① Install all the units of the developing unit, the photoconductor drum unit, the charger unit., etc.
(Do not use the electrode sheet for the drum.)

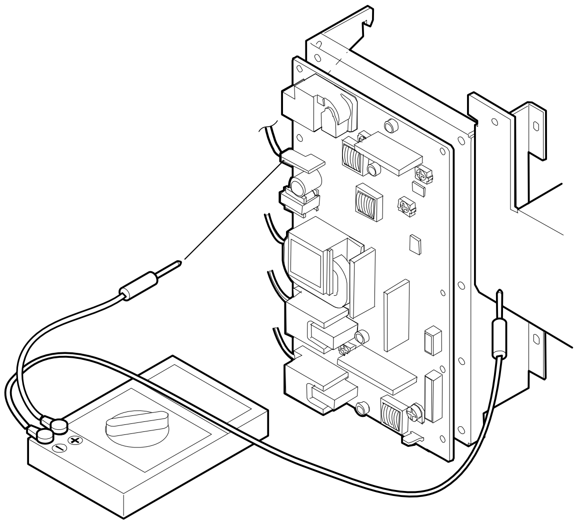
② Set a digital multimeter range to DCV. (Use a digital multimeter which allows measurement up to DC1000V.)

③ Connect the digital multimeter to the grid voltage output check pin (GB CP).

④ Turn on the main switch and execute SIM 8-02A (normal mode), 8-02B (photo mode), and 8-02C (toner save mode) to check the output voltage.

The grid output voltage set value is displayed on the COPIES MADE display in 3 digits.

Select the voltage mode (copy mode) with the scroll key.



(5) Separation charger voltage adjustment

This adjustment does not use the electrode sheet.

① Install all the units of the developing unit, the photoconductor drum unit, the charger unit., etc.

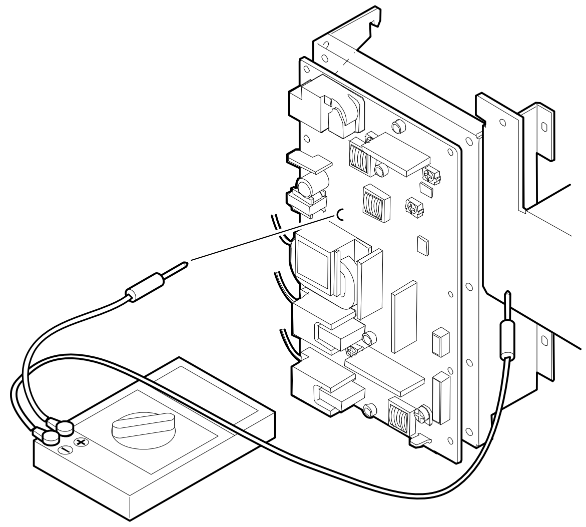
② Connect a digital multimeter to the SHVG output check pin (BCDC CP).

③ Set the digital multimeter to DCV range.

④ Turn on the main switch and execute SIM 8-07. (SHVG turns on for 30 sec.)

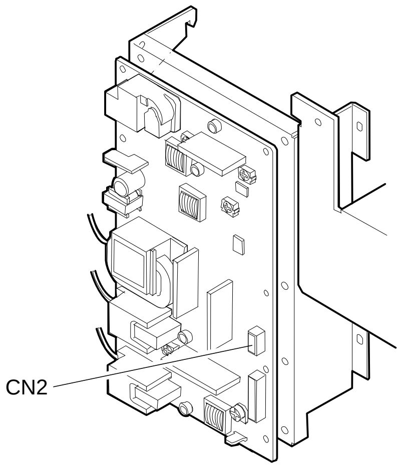
⑤ During execution of the simulation, adjust so that the separation charger output monitor voltage (bias voltage) is +440±20V.

Adjustment output	Simulation	Adjustment value
Separation charger DC voltage	8-7	+440±20V



Since the separation charger output is controlled to a constant level, it increases at a high altitude, operating the current limiter. Therefore, adjust the voltage as shown below. (The other high voltage outputs are of constant-current control and require no adjustment.)

Altitude	High voltage PWB CN2 short pin No.	Voltage	
0 ~ 2000 m	1-4	6.00±0.2KV	← When shipping
2000 ~ 3000 m	OPEN. Disconnect the connector.	5.25±0.2KV	
3000 m ~	Replace 3-5 short pin.	5.00±0.2KV	



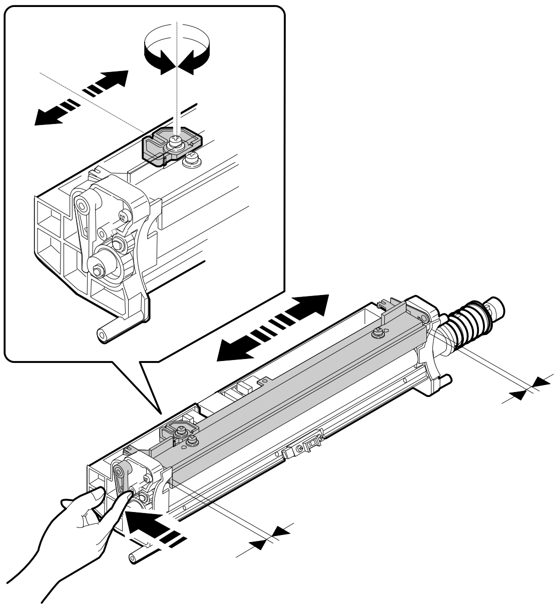
C. Cleaning unit

(1) Cleaning blade position adjustment

The cleaning blade operates in synchronization with rotation of the photoconductor drum and moves back and forth in the shaft direction of the photoconductor drum.

When the cleaning blade makes reciprocating motion, its motion must be centered so that it does not hit the left or right block or that there is no large clearance.

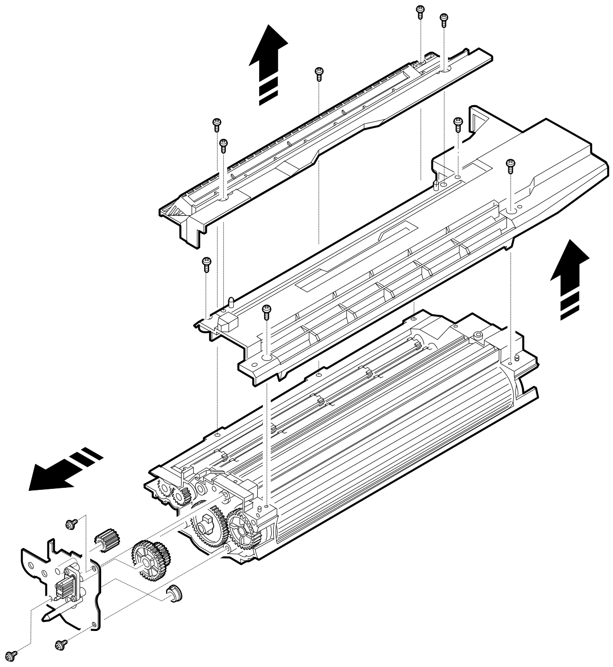
Change the cleaning blade positioning plate fixing position so that the cleaning blade does not make contact with the left and the right blocks when the cleaning blade slide arm is moved manually.



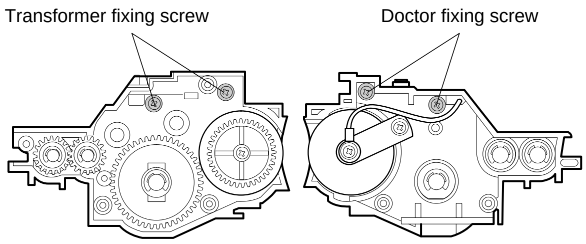
D. Developing unit

(1) Doctor gap adjustment

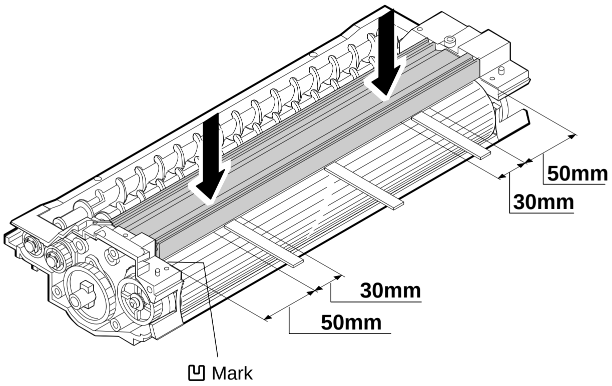
① Remove the toner joint cover, the developing unit cover, and the drive section cover.



② Loosen the DV doctor fixing screws. (2 screws on the rear frame side, 2 screws on the front frame side)



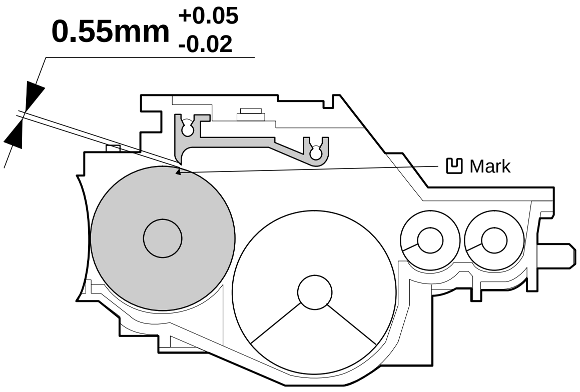
③ Turn the developing roller and fit the 凹 mark at the rear end of the developing roller drive side with the DV doctor lead edge.
Insert a 0.55mm clearance gauge into the clearance of 50mm ~ 80mm from the DV doctor edge.



④ Press the DV doctor in the direction of arrows, and tighten the fixing screw of the DV doctor. (Both in the front and the rear side)

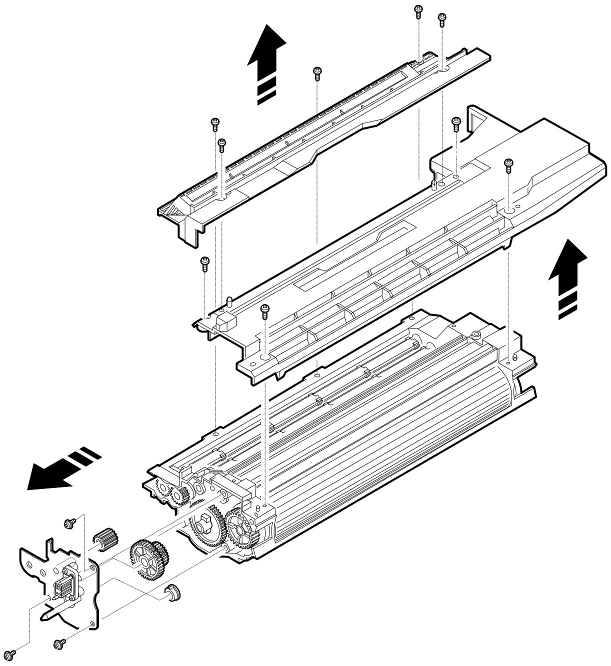
⑤ Check that there is an clearance at 50mm ~ 80mm from either side edge of the DV doctor is $0.55^{+0.05}_{-0.02}$ mm. (2 positions)

(Note) When inserting a thickness gauge, be careful not to scratch the DV doctor and the MG roller.

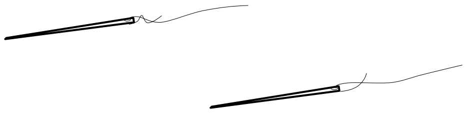


(2) Developing roller main electrode position adjustment

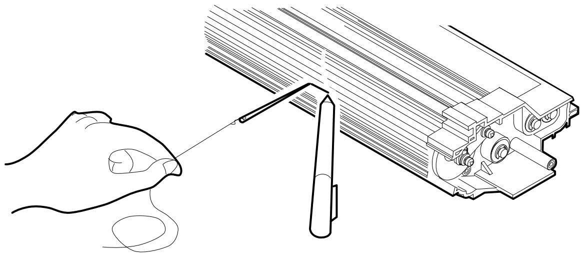
① Remove the fixing screws (4 pcs.) of the developing unit cover and the toner joint cover, and remove the joint cover.



② Tie a string to a pin or a needle.

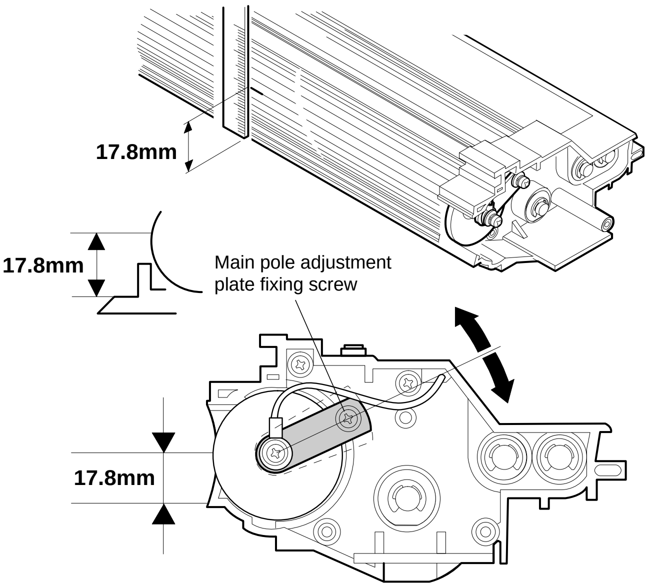


③ Hold the string and move the needle toward the MG roller. (Do not use a paper clip, which is too heavy to make correct adjustment.) (Put the developing unit horizontally for this procedure.)



④ Mark the position where the needle makes contact with the MG roller.

⑤ Measure the distance from the mark to the developing unit guide surface. Check that the distance is 17.8mm (Japan) ±0.2mm.
If the distance is not as specified above, loosen the fixing screw of the main electrode adjustment plate, and change the main electrode adjustment plate position.



⑥ Repeat procedures ③ ~ ⑤ until the condition of ⑤ is satisfied.

(3) Developing bias voltage adjustment

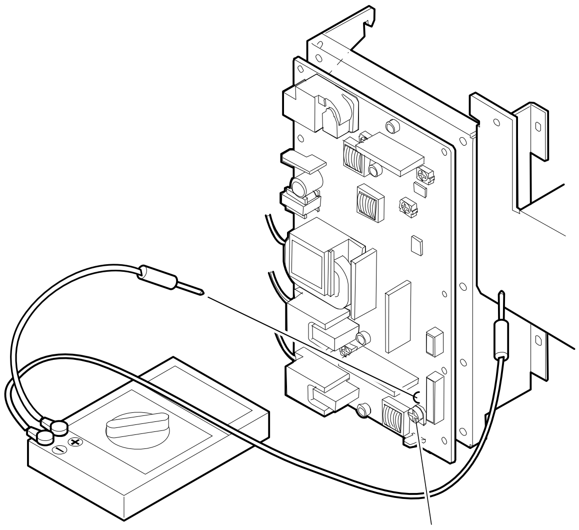
① Set the digital multimeter range to DCV, 300V or above.

② Put the test rod between the high voltage unit DV bias output check pin (BSCP) and the chassis (GND).

③ Execute SIM 8-1. (The DV bias voltage is outputted for 30 sec.)

④ Change the set value of SIM 8-1 to adjust so that the output voltage is –200 ±5V.

Adjustment range: 3 ~ 56 (–51V ~ –350V)



(4) Toner concentration adjustment

```
SIMULATION NO. 25
INPUT 1~2
1. Toner concentration SENSOR MONITOR
2. AUTO DV ADJUSTMENT
```

When developer is replaced, the initial toner concentration must be set again.

(Automatic toner concentration adjustment)

Execute SIM 25-2.

The main motor rotates to stir the DV unit. After 3 min from starting stirring, toner concentration is sampled 16 times for 8 sec. The average value is stored in the RAM as the toner concentration reference value.

This value is used as the threshold level for toner concentration control.

(5) Developer counter reset

When developer is replaced, the developer counter must be reset with SIM 42.

```
SIMULATION NO. 42
DV COUNTER CLEAR
ARE YOU SURE ?
1. YES          2. NO
```

E. Waste toner collection unit

(1) Waste toner full detection level adjustment

When the waste toner bottle is full, the waste toner bottle weight sensor (TNF) senses it.

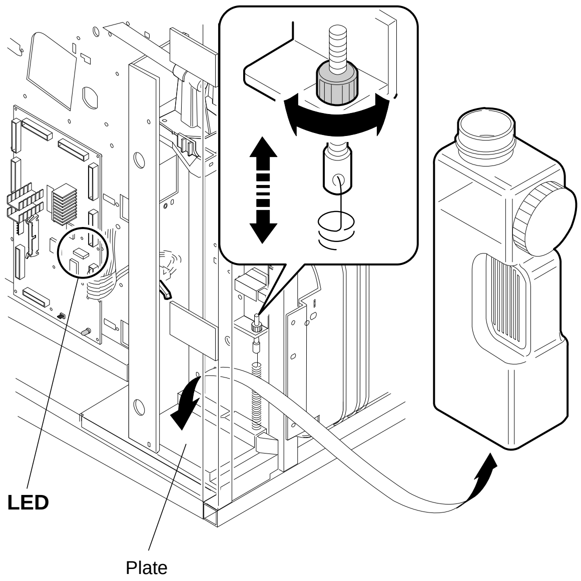
When waste toner (collected toner) weight reaches about 1,320g in the bottle, the sensor sense it.

Waste toner bottle weight:	About	300g
Collected toner weight:	About	1320g
Full detection level:	Total	1620g

① Before adjusting the waste toner bottle weight sensor installing position, prepare a waste toner bottle of about 1620g (with water, etc. in it).

② Remove the waste toner bottle which is installed to the copier, and install the waste toner bottle (1,620g with water in it) on the waste toner bottle base.

③ When the waste toner is full, the LED on the main PWB is OFF.
Turn the bolt so that the LED lights up when the bottle is put on the base, and turn the bolt counterclockwise until the LED goes off.



5. Fusing/paper exit section

Adjustment list

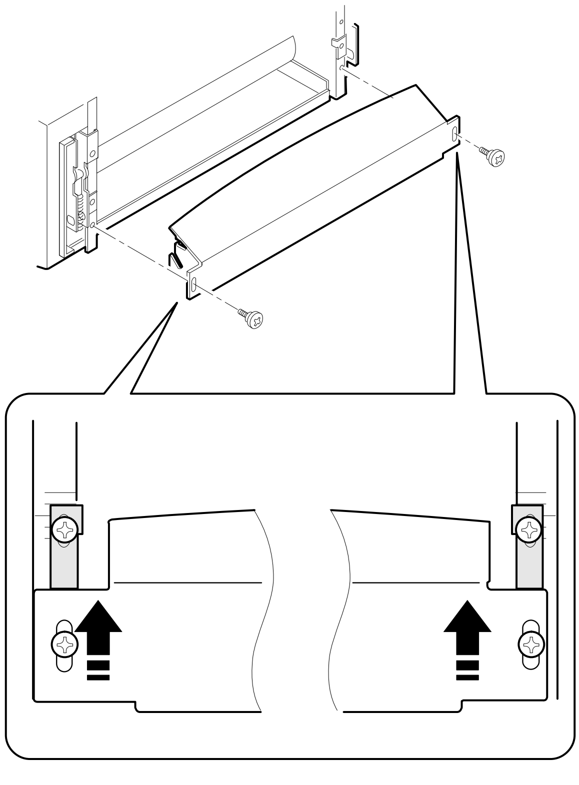
Content		Method
A	Fusing paper guide position adjustment	Change the pre-fusing paper guide height to adjust.
B	Fusing temperature setting	Set SIM 43-1 according to the destination.
C	Fusing pressure adjustment	Change the fusing pressure adjustment screw position to adjust.
D	Curl correction amount adjustment	Rotate the curl correction knob to adjust tue correction amount.
E	Switchback gate A position adjustment	Change the switchback gate A drive solenoid position to adjust.
F	Fusing roller rotating speed adjustment	Change the set value of SIM 43-3 to adjust. (Default = 16)

A. Fusing paper guide position adjustment

The angle of paper entry into the fusing section depends on the position of the fusing paper guide.

Adjust the fusing paper guide position so that paper enters the fusing section at a proper angle.

1) Fit the edge section of the fusing guide positioning plates (2 pcs. at the right and the left) with the long part of the fusing frame marking. (Standard position)



2) Slide the fusing guide fully upward to bring it in contact with the fusing guide positioning plate, and fix it.
When wrinkles or jams occur, change the position as necessary.

B. Fusing temperature setting

Use SIM 43-1 to set the fusing temperature.

Setting must be made either of the single copy mode and the duplex copy mode.

Selection of the single copy mode and the duplex copy mode is made with the scroll key.

Enter the number corresponding to the temperature as shown in the list below, and press the START button.

(Note) Do not set other than the list below.

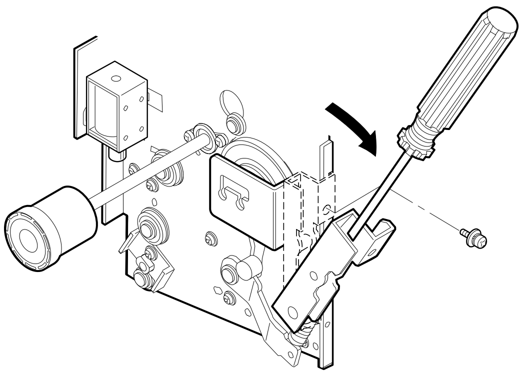
```
SIMULATION NO. 43-1
[1→1.2→1]
INPUT (1-5)
1. 190°C      2. 195°C      3.200°C
4. 205°C      5. 210°C
[1→2.2→2]
INPUT (1-9)
1. 170°C      2. 175°C      3. 180°C
4. 185°C      5. 190°C      6. 195°C
7. 200°C      8. 205°C      9. 210°C
[1→1.1→2]   SETTING : PRESS KEY.
```

Destination	Copy mode	
	Normal	Duplex
Japan (15A) specification	205˚C	205˚C
Japan (20A) specification	200˚C	200˚C
EX inch series	200˚C	180˚C
EX AB series	205˚C	205˚C

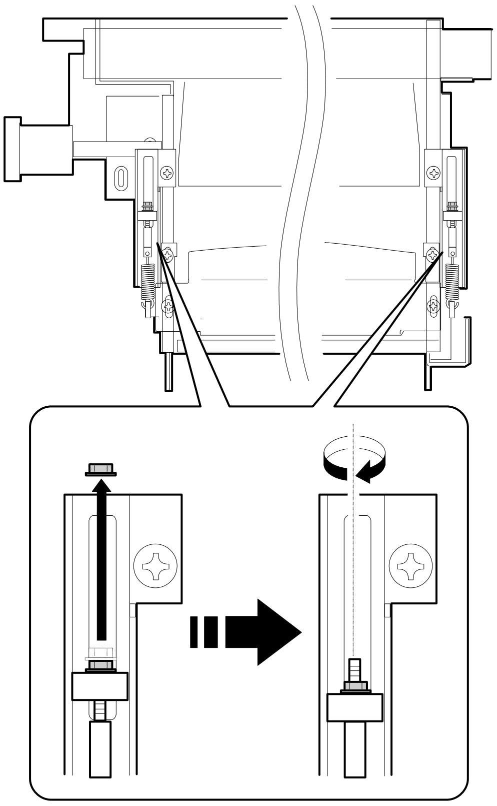
C. Fusing pressure adjustment

It is not required to adjust the fusing pressure. However, arrange as follows so that the specified fusing pressure is provided.

1) Remove the fusing pressure level fixing screws (1 on the front frame, 1 on the rear frame).



2) Release the fusing pressure lever, and tighten the fusing pressure nuts (1 on the front frame, 1 on the rear frame) completely.
(With the max. pressure)



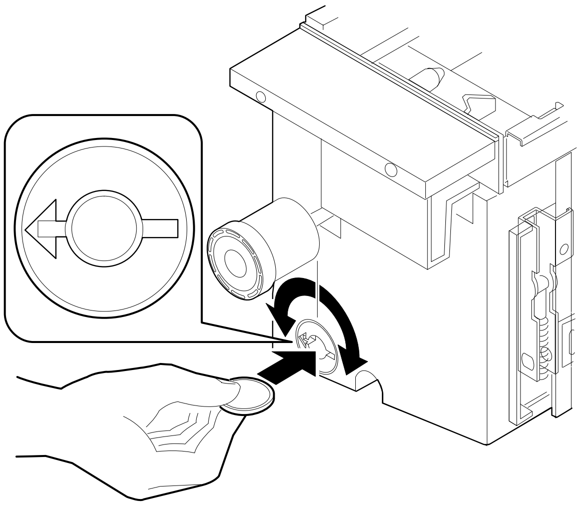
If the fusing pressure is insufficient, or if there is an unbalance between the fusing pressures on the front and the rear frame, wrinkles and image distortion may result.

D. Curl correction amount adjustment

The paper curl produced in the fusing section in the front surface copy in the duplex copy mode is adjusted by the paper curl correction belt to allow smooth paper transport and copying of the back surface.

The curl correction amount is adjusted by changing the curl correction belt tension.

1) Turn the curl correction adjustment dial to set the arrow section horizontally. (Standard position)



When the curl correction adjustment dial is turned clockwise, the curl correction belt tension is increased, and vice versa.

The tension can be changed from the stand position according to the situation. When thick paper is used, increase the tension. When thin film is used, decrease the tension.

When the curl correction belt tension is too strong or too weak, curls may occur. If this adjustment is improper, paper jams may occur in back copy.

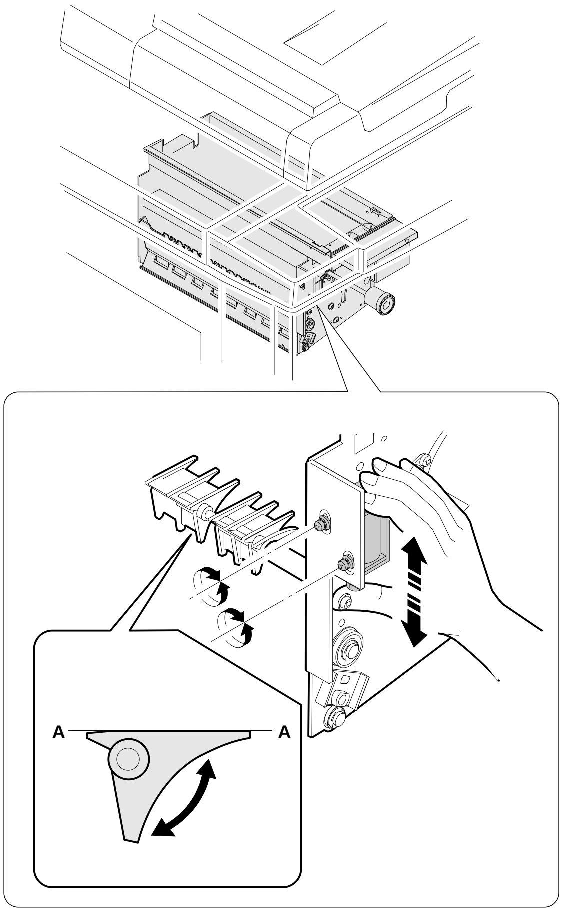
E. Switchback gate A position adjustment

This is to adjust the operating angle of switchback gate A for normal switching of paper path in the duplex copy mode and the normal copy mode.

Change the switchback gate A solenoid installing position and adjust the operating angle of the switchback gate A.

If this adjustment is improper, paper jams may occur.

1) Change the switchback gate A solenoid installing position to adjust so that the switchback gate A surface is levelled when the switchback gate A solenoid is manually turned on.



F. Fusing roller rotating speed adjustment

This adjustment is performed to provide a proper paper transport speed in the fusing section for the transfer section paper transport speed.

1) Execute SIM 43-3.
2) Enter the set value "2" (default) with the 10-key pad and press the START button.
   The set value can be selected in the range of 1 ~ 21. The greater the value is, the greater the fusing section paper transport speed is. The smaller the set value is, the smaller the transport speed is.
   If the copy image is blurred or lacked in the copy paper rear edge, decrease the fusing section paper transport speed.

6. Switchback section

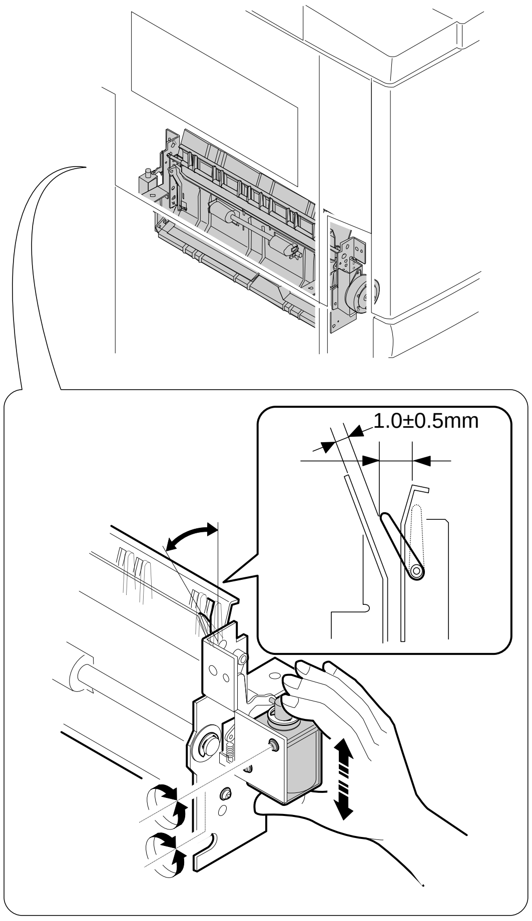
A. Switchback gate B position adjustment

This is to adjust the operating angle of switchback gate B for normal switching of paper path in switchback.

Change the switchback gate B solenoid installing position and adjust the operating angle of the switchback gate B.

If this adjustment is improper, paper jams may occur.

1) Change the switchback gate B solenoid installing position to adjust so that the distance between the switchback gate B lead edge and the switchback paper guide surface is 1.0±0.5 mm. when the switchback gate B solenoid is manually turned on.



7. Duplex section

Adjustment list

Content				Method
A	Air pressure check and adjustment	a	Suction air pressure check/adjustment	Use SIM 6-2 to rotate the suction fan to check the pressure, and change the air pressure adjustment plate position.
		b	Blower air pressure check	Use SIM 6-2 to rotate the blower fan to check the pressure.
B	Paper width alignment plate position adjustment			Change the set value of SIM 52-1 to adjust.
C	Paper transport direction alignment plate position adjustment			Change the set value of SIM 52-2 to adjust.

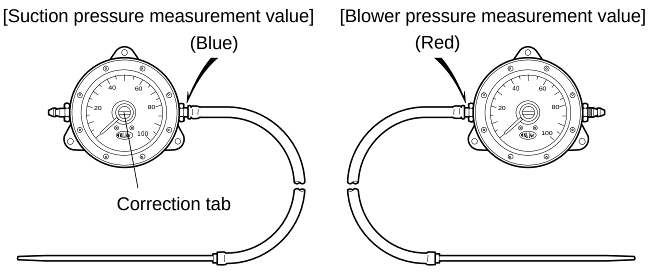
A. Air pressure check and adjustment

a. Suction air pressure check and adjustment

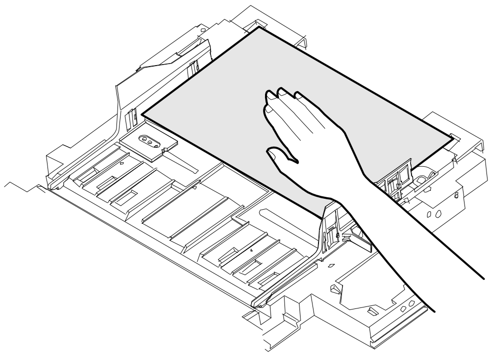
b. Blower air pressure check

① Check the pointer of the air pressure meter indicates "0" (mmH2O). If it does not indicate "0," turn the correction knob to set to "0."

Air pressure meter and tube:	(UKOG-0178FCZZ)
Pressure measurement nozzle:	(UKOG-0179FCZZ)


[Suction pressure measurement value]
(Blue)
[Blower pressure measurement value]
(Red)
Correction tab

② Place A4 paper (11 × 8.5") on the duplex tray suction belt.



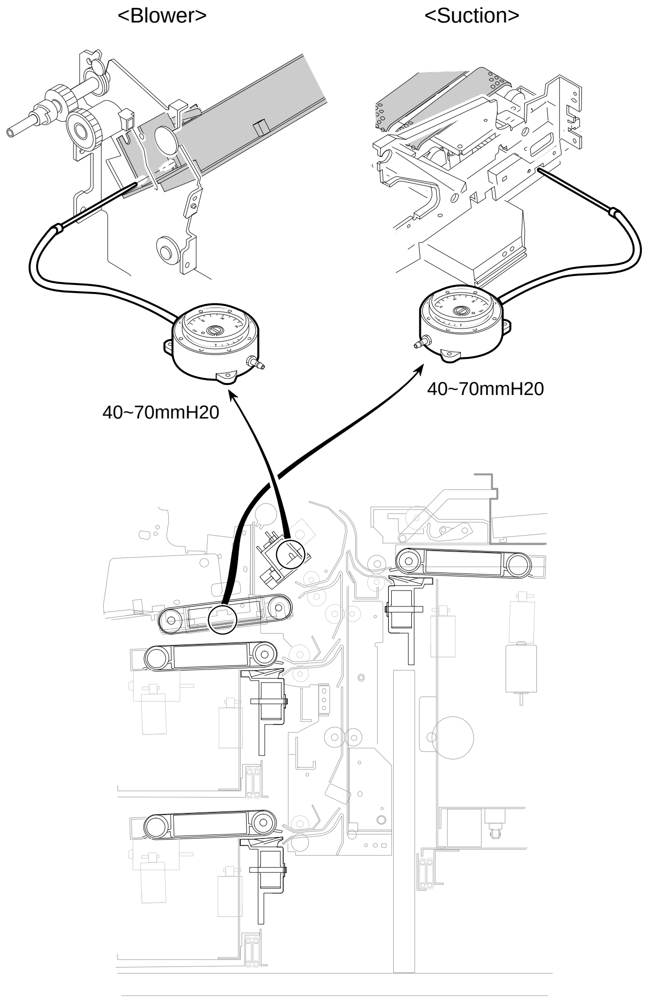
③ Insert the duplex tray unit into the copier.

④ With the front cabinet open, manually turn on the cabinet open/close detection switch.

⑤ Execute SIM 6-2 (4).
The blower and the suction fan motors are turned on (open) the blower and the suction valves of the duplex unit.

⑥ Measure the suction air pressure and the blower air pressure.

Check that the pressures are within the specified range.



If the suction air pressure is insufficient, misfeed may occur. If excessive, double feed may occur.

The suction air pressure can be adjusted by changing the pressure adjustment plate installing position. However, the blower air pressure is also changed. When the pressure adjustment plate position is changed, therefore, be sure to check the duplex blower air pressure.

If the air pressure is outside the specified range, check the following items.

- Is the blower fan rotating ?
- Do the valves open and close smoothly ?
- Is there any air leakage ?

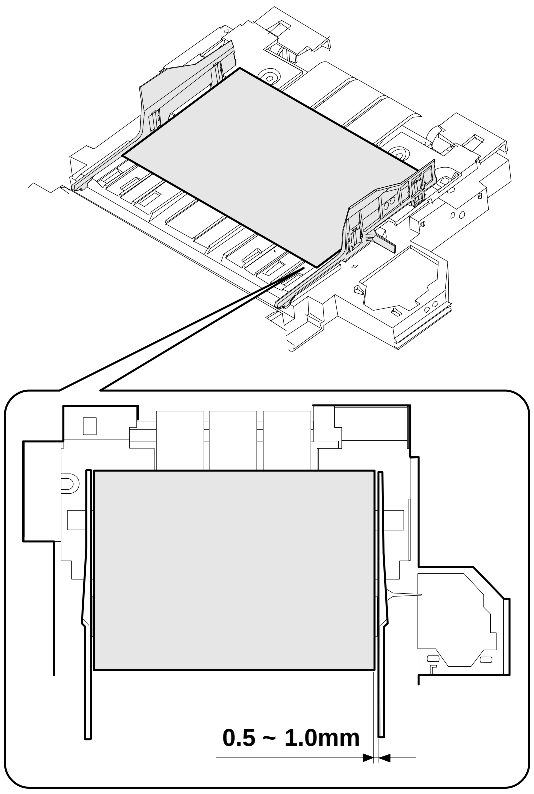
C. Paper width alignment plate stop position adjustment

This is to adjust the clearance between the paper and the paper width alignment plate by changing the stop position of the duplex paper width alignment plate.

1) Enter the SIM 52-1 mode. (Duplex paper width alignment plate stop position adjustment mode)

```
SIMULATION NO. 52-1
DUPLEX ALIGNMENT PLATE ADJUSTMENT VALUE SETTING
INPUT DATA (1~99)
```

2) Open the front cabinet.
3) Press the START button.
4) Pull out the duplex unit, and place paper on the duplex unit longitudinally. (A4 or 11 × 8.5 paper)



5) Measure the clearance between the paper width alignment plate and A4 (11 × 8.5") paper and check that the clearance is 0.5 ~ 1.0mm.
6) If the clearance is not within the above range, insert the duplex unit into the copier and change the set value and press the START button.
   The paper width alignment plate stops at a position corresponding to the set value.
   The greater the set value is, the wider the paper width alignment plate is.
   Change in the set value by 1 corresponds to about 0.28mm change in the stop position.
   Repeat procedures 4) ~ 6) until the clearance is within the specified range.

If this adjustment is not proper, the image position (center position) may fluctuate in back copies in duplex copy mode, or paper jams may occur.

(Note) The paper width alignment plate stop position (AB series or inch series) is determined by the setting condition of SIM26-6 (destination setting).

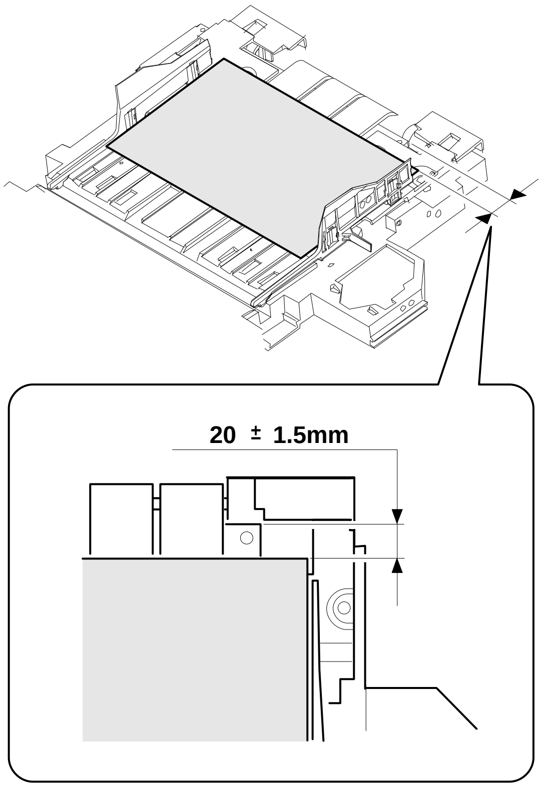
D. Paper transport direction alignment plate stop position adjustment

The duplex paper transport direction alignment plate stop position is adjusted to set the paper stop position when paper enters the duplex tray.

1) Enter the SIM 52-2 mode.(Duplex paper transport direction alignment plate stop position adjustment mode)

```
SIMULATION NO. 52-2
DUPLEX REAR EDGE PLATE ADJUSTMENT VALUE SETTING
INPUT DATA (1~99)
```

2) Press the START button.
   The alignment plate stops at position corresponding to A4 or 11 × 8.5" paper width.
3) Open the front cabinet.
4) Pull out the duplex unit, and place paper on the duplex unit longitudinally.



5) Fit the paper transport direction alignment plate with A4 or 11 × 8.5" paper edge, and check that the distance between the other paper edge and the paper feed section plate is 20 ±1.5mm.
6) If the distance is not within the above range, insert the duplex unit into the copier and change the set value and press the START button.
   The paper transport direction alignment plate stops at position corresponding to the set value.
   When the set value is increased, the paper transport direction alignment plate moves to the left.
   Change in the set value by 1 corresponds to about 0.57mm change in the stop position.
   Repeat procedures 4) ~ 6) until the distance is within the specified range.

If this adjustment is not proper, paper jams may occur in back copies in duplex copy mode.

(Note) The paper width alignment plate stop position (AB series or inch series) is determined by the setting condition of SIM26-6 (destination setting).

8. RADF section

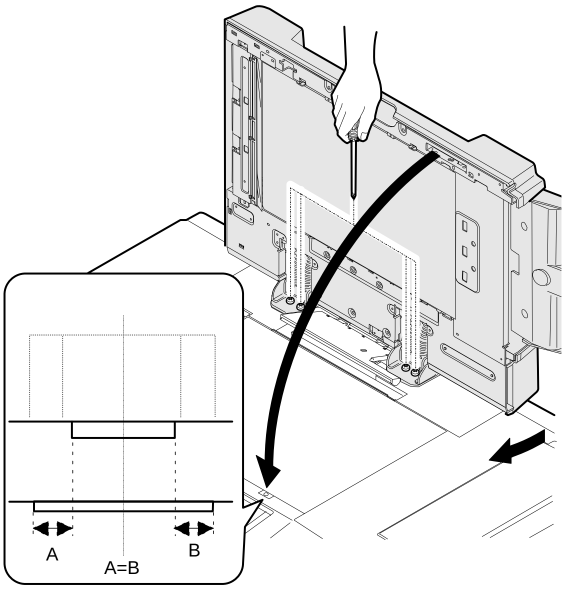
Adjustment list

Content				Method
A	RADF horizontal level (skew) adjustment			Change the RADF right hinge fixing position to adjust.
B	RADF unit clearance adjustment			Change the RADF hinge section fixing plate and magnet catch installing position to adjust.
C	Original stopper position adjustment	(1)	Original stopper operating angle adjustment	Change the original stopper drive solenoid position and the solenoid stopper position to adjust.
		(2)	Change the original stopper shaft fixing block installing position to adjust.	Original stopper clearance adjustment
D	RADF open/close switch operating position adjustment			Change the RADF open/close detection switch (microswitch) installing position to adjust.
E	Sensor sensitivity adjustment	(1)	Resist sensor sensitivity adjustment	Adjust with SIM 53-3A (auto adjustment).
		(2)	Timing sensor sensitivity adjustment	Adjust with SIM 53-3B (auto adjustment).
		(3)	Paper ext sensor sensitivity adjustment	Adjust with SIM 53-3C (auto adjustment).
		(4)	Paper width sensor sensitivity adjustment	Adjust with SIM 53-3D (auto adjustment).
F	Original stop position adjustment	(1)	Normal paper surface mode original stop position adjustment	Change the set value of SIM 53-1A to adjust.
		(2)	Normal paper back mode original stop position adjustment	Change the set value of SIM 53-1B to adjust.
		(3)	Thin paper surface mode original stop position adjustment	Change the set value of SIM 53-1C to adjust.
		(4)	Thin paper back mode original stop position adjustment	Change the set value of SIM 53-1D to adjust.
		(5)	Normal paper step mode original stop position adjustment	Change the set value of SIM 53-1E to adjust.
		(6)	Thin paper step mode original stop position adjustment	Change the set value of SIM 53-1F to adjust.
G	Motor rotating speed adjustment	(1)	Paper exit motor rotating speed adjustment	Adjust with VR1/VR2 on the RADF control PWB.
		(2)	Paper feed motor rotating speed adjustment	Adjust with VR3/VR4 on the RADF control PWB.
		(3)	Transport motor rotating sensor phase adjustment	Change the transport motor rotating sensor installing position to adjust.

A. RADF horizontal level (skew) adjustment

By adjusting the RADF horizontal level (skew), the original is smoothly transported from the paper feed section to the original stop position (copy position) without skew.

1) Check that the magnet catch on the right is at the center of the magnet catch plate when the RADF unit is closed.
   If not, perform the following procedure.



2) Loosen the RADF hinge fixing screw.
3) Shift the RADF unit horizontally with the RADF hinge at the left as fulcrum.

   Repeat procedures 1) ~ 3) until the condition of 1) is satisfied.

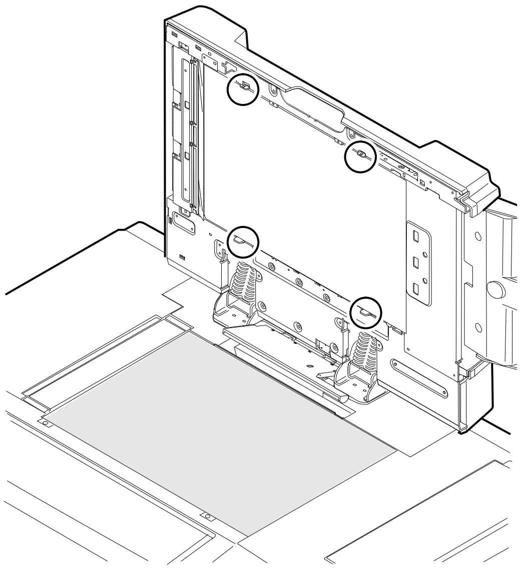
B. RADF unit clearance adjustment

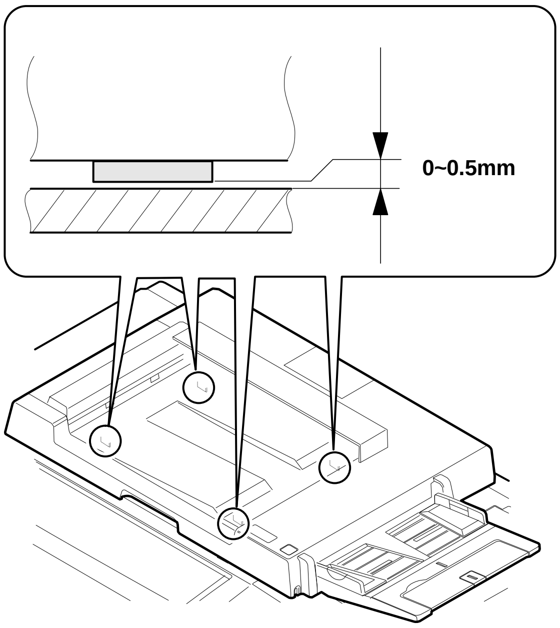
Clearance between the RADF transport belt and the original table glass is made uniform and proper to allow paper to be transported smoothly.

If this adjustment is not proper, troubles of skew, paper jam, image position shift may occur.

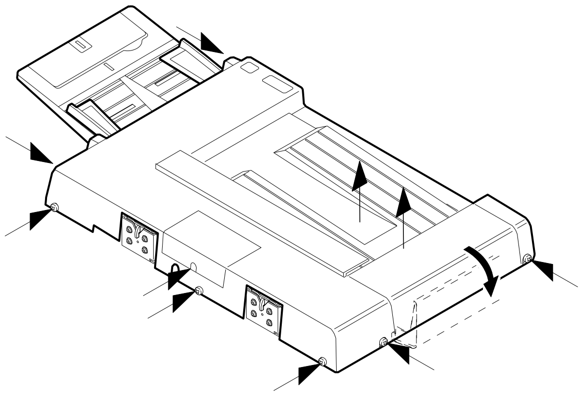
1) Close the RADF unit, and check the clearances (4 positions) between the RADF spacers and the original table glass.
   The normal clearance level is 0 ~ 0.5mm.

   For simple check, insert a sheet of copy paper (80g/m^2) between the RADF spacer and the original table glass, and close the RADF unit. Then pull out the paper. If there is some resistance when pulling out the paper, the clearance is within the specified range. If not, perform the following procedures.
   Adjustment must be made at the four positions (front and back, left and right).

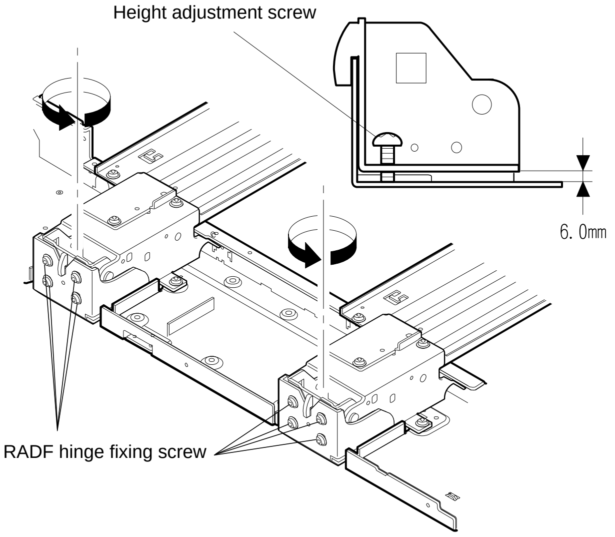




2) Remove the cabinet.

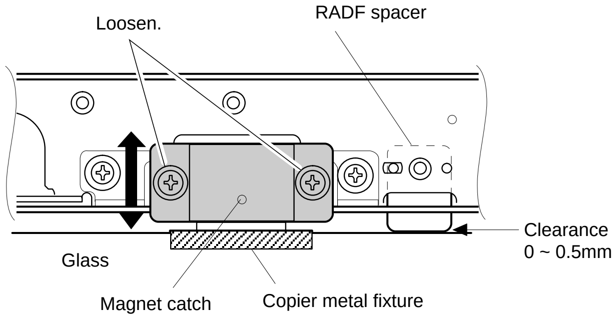


3) Loosen the RADF hinge fixing screw.


Height adjustment screw
6.0mm
RADF hinge fixing screw

4) Turn the RADF height adjustment screw on the rear frame side to adjust the height of the RADF rear frame side.
   For reference, adjust so that the clearance between the hinge and the hinge angle is about 6.0mm. Actually adjust so that the condition of 1) is satisfied.

5) Change the RADF magnet catch installing positions (the left and the right on the front frame side).


Loosen.
RADF spacer
Clearance
0 ~ 0.5mm
Glass
Magnet catch
Copier metal fixture

Repeat procedures 1) ~ 4) until the condition of 1) is satisfied.

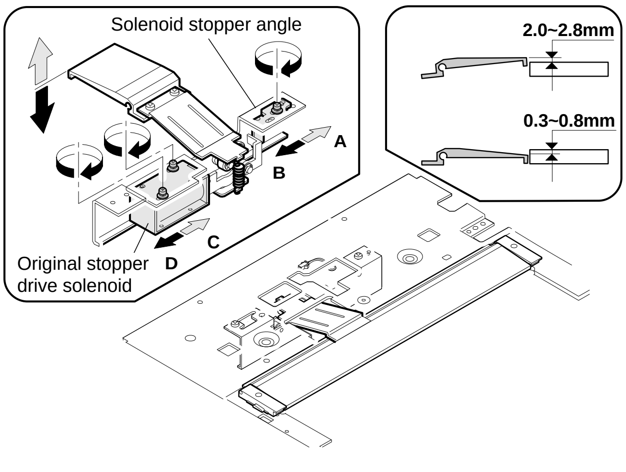
C. Original stopper position adjustment

(1) Original stopper operating angle adjustment

By adjusting the original stopper operating angle properly, the original is stopped on the original table and discharged smoothly.

If this adjustment is not proper, trouble of copy image shift and paper jam may occur.

1) With the original stopper lifted up, check that the original stopper height from the original glass surface is 2.0 ~ 2.8mm.
   If the height is not in the above range, perform the following procedures.


Solenoid stopper angle
A
B
C
D
Original stopper drive solenoid
2.0~2.8mm
0.3~0.8mm

2) Change the original stopper drive solenoid stopper angle installing position to adjust.
   When the position is moved toward A, the original stopper height is increased. When the position is moved toward B, the height is decreased.
3) Check that the original stopper height from the original glass surface is 0.3 ~ 0.8mm when the original stopper drive solenoid is manually turned on.
   If the height is not in the above range, perform the following procedure.
4) Change the original stopper drive solenoid installing position to adjust. When the position is moved toward C, the original stopper height is increased. When moved toward D, the height is decreased.

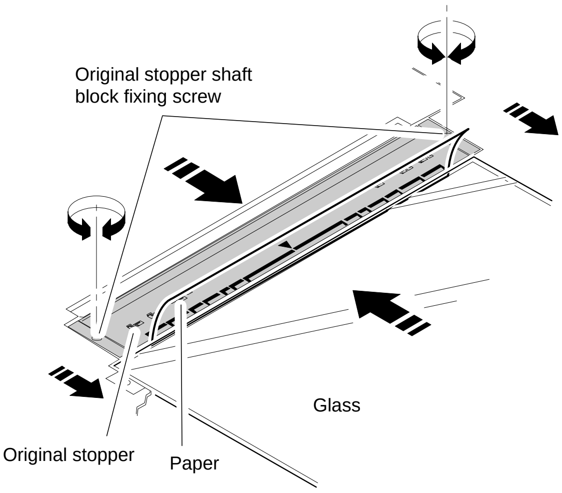
   Repeat procedures 1) ~ 4) until the conditions of 1) and 3) are satisfied.

(2) Original stopper clearance adjustment

The clearance between the original stopper and the original table glass is properly adjusted to inhibit the original stopper from entering the clearance between the original stopper and the original table glass and to allow the original stopper to move smoothly.

If this adjustment is not proper, paper jams may occur.

1) Loosen the two fixing screws of the original stopper shaft block.



2) Insert a sheet of copy paper (80g/m^2) between the original table glass and the original stopper, slide the original stopper to the original table glass and fix it. This makes a clearance of one sheet of copy paper.
   If the clearance is more than one sheet of copy paper, change the original table glass installing position. (Slide the original table glass to the original stopper and fix it.)
3) Execute SIM 2-3 (8) to check the operation of the original stopper. If the original stopper moves smoothly, it is normal.

D. RADF open/close switch operating position adjustment

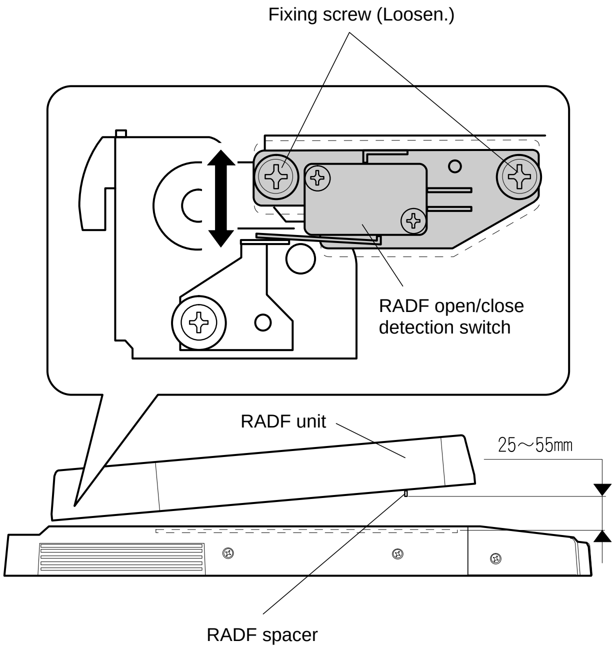
The RADF open/close switch installing position is adjusted so that the RADF switch operates normally when the RADF is opened/closed.

If this adjustment is not proper, the internal load power is not supplied when the RADF is closed, and the RADF does not operate.

Slowly close the RADF unit from the full open state.

When the RADF open/close switch is turned on, check that the RADF spacer height from the original table glass is 25 ~ 55mm.

If the height is not in the above range, change the RADF open/close switch installing position.



E. Sensor sensitivity adjustment

This adjustment is required for the resist sensor, the timing sensor, the paper exit sensor, and the paper width sensor. The threshold level is automatically set by SIM 53-3.

1) Enter the SIM 53-3 mode.
2) Select the sensor to be adjusted with the scroll key.
3) Press the PRINT button.
   The threshold level is automatically set and displayed.

```
SIMULATION NO. 53-3
RADF SENSOR ADJUSTMENT

    53A: RESIST SENSOR
    53B: TIMING SENSOR
    53C: PAPER EXIT SENSOR
    53D: ORIGINAL WIDTH SENSOR
```

F. Original stop position adjustment

The original stop position adjustment must be performed for each of the following six operation modes.

In the front copy operation, the transport belt rotation is counted from when the original is fed and detected by the timing sensor to calculate the original transport amount, When the transport belt completes the specified amount, it is stopped to stop the original.

While in the back copy operation, when the original is reversed, the transport belt rotating amount is counted from when the original exit/reverse sensor detects the original rear edge to calculate the original transport amount and switchback amount. When the transport belt completes the specified rotations, it is stopped to stop the original.

By changing the specified rotations of the above transport belt with SIM 53-1, the original stop position is changed.

Some paper quality may provide different slip amount with the transport belt. Adjust according to the paper quality.

It is advisable to adjust slightly excessive (overrun) except for the step mode. If the set value is increased, the transport amount is increased,and vice versa.

If this adjustment is not proper, troubles of paper jam, copy image shift, and skew may occur.

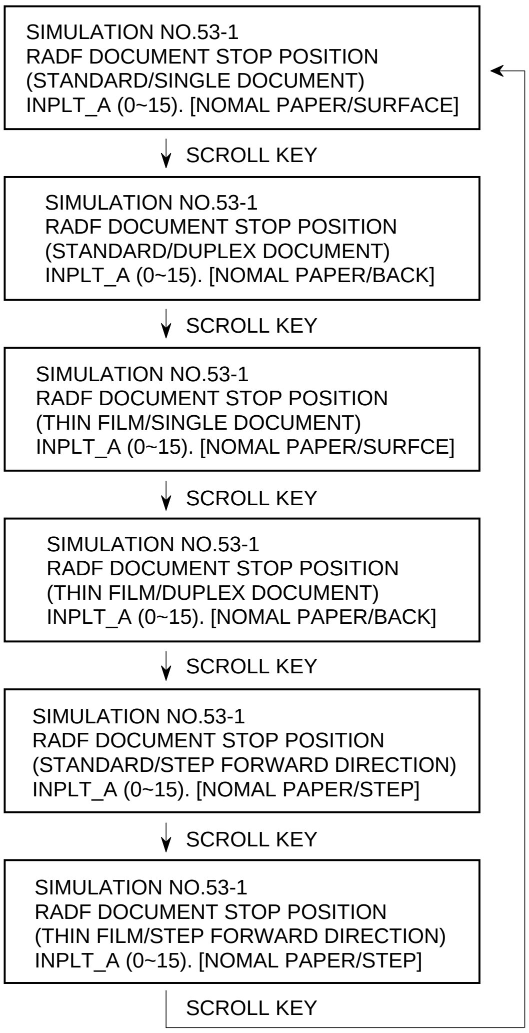
(Note) When the RADF control PWB or the EEPROM in the RADF control PWB is replaced, be sure to initialize the EEPROM before this adjustment. If not, the proper adjustment cannot be performed.

(1)	Normal paper front mode original stop position adjustment	Change the set value of SIM 53-1A to adjust
(2)	Normal paper back mode original stop position adjustment	Change the set value of SIM 53-1B to adjust.
(3)	Thin paper front mode original stop position adjustment	Change the set value of SIM 53-1C to adjust.
(4)	Thin paper back mode original stop position adjustment	Change the set value of SIM 53-1D to adjust.
(5)	Normal paper step mode original stop position adjustment	Change the set value of SIM 53-1E to adjust.
(6)	Thin paper step mode original stop position adjustment	Change the set value of SIM 53-1F to adjust.

(1) Normal paper front mode original stop position adjustment

1) Set the test original on the RADF tray.
2) Enter the SIM 53-1 mode.

[Japan indication]



```
SIMULATION NO.53-1
RADF DOCUMENT STOP POSITION
(STANDARD/SINGLE DOCUMENT)
INPLT_A (0~15). [NOMAL PAPER/SURFACE]
```

```
SIMULATION NO.53-1
RADF DOCUMENT STOP POSITION
(STANDARD/DUPLEX DOCUMENT)
INPLT_A (0~15). [NOMAL PAPER/BACK]
```

```
SIMULATION NO.53-1
RADF DOCUMENT STOP POSITION
(THIN FILM/SINGLE DOCUMENT)
INPLT_A (0~15). [NOMAL PAPER/SURFCE]
```

```
SIMULATION NO.53-1
RADF DOCUMENT STOP POSITION
(THIN FILM/DUPLEX DOCUMENT)
INPLT_A (0~15). [NOMAL PAPER/BACK]
```

```
SIMULATION NO.53-1
RADF DOCUMENT STOP POSITION
(STANDARD/STEP FORWARD DIRECTION)
INPLT_A (0~15). [NOMAL PAPER/STEP]
```

```
SIMULATION NO.53-1
RADF DOCUMENT STOP POSITION
(THIN FILM/STEP FORWARD DIRECTION)
INPLT_A (0~15). [NOMAL PAPER/STEP]
```

3) Select the adjustment mode with the scroll key.
4) Enter the adjustment number with the 10-key pad and press the START button.
   The adjustment value of the mode selected in 3) is stored and the RADF operates to make a copy.
5) Check for copy image shift and skew.
   Make several copies and check them. If there is any copy image shift or skew, increase the adjustment value.
   The ideal method of adjustment is: increase the set value gradually, and check the each copy, and fix the adjustment value when copy image shift and skew are eliminated.

Perform the following adjustment similarly to (1) Normal paper front mode original stop position adjustment.

(2) Normal paper back mode original stop position adjustment

(3) Thin paper front mode original stop position adjustment

(4) Thin paper back mode original stop position adjustment

(5) Normal paper step mode original stop position adjustment

(6) Thin paper step mode original stop position adjustment

G. Motor rotating speed adjustment

The paper feed motor rotates in two modes; clockwise and counterclockwise. This adjustment is to adjust the rotating speed in each rotating mode.

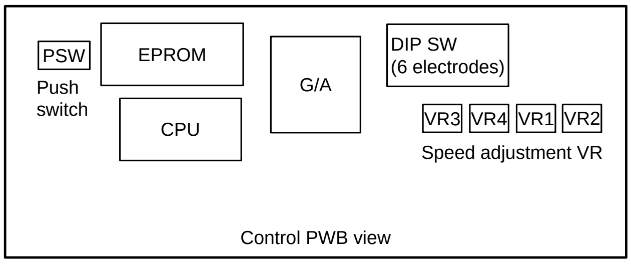
When the original is discharged, the paper exit motor speed is switched from high speed to low speed. The speed in each rotating mode is adjusted.

For the adjustment, the push switch and the DIP switch on the control PWB are used in the test mode.

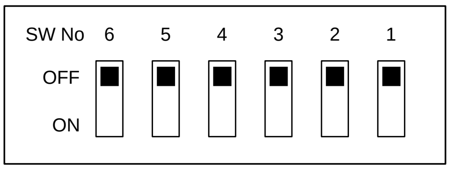
(Entering the test mode)

1) With the push switch on the RADF control PWB ON, supply the power.

(Control PWB)



(DIP switch)



(Normally set to OFF.)

(Destination specification setting)

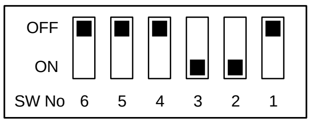
DIP switch 6	DIP switch 5	Destination
OFF	OFF	Inch series
OFF	ON	Europe, U.K.
ON	OFF	Australia
ON	ON	Japan

2) Set the DIP switch (1-4) to the setting conditions corresponding to the operation mode (item).
   The setting conditions of DIP switch 5 and 6 depends on the destination.
3) Open and close the RADF paper exit section cover. (The RADF paper exit section cover detection switch is turned OFF and ON.)
   This operation makes the operation mode set in 2) valid.
   To change the operation mode, change the setting of DIP switch (1-4) and open and close the RADF paper exit section cover.
4) Press the push switch.
   The operation mode set in 2) operates.

(1) Paper feed motor rotating speed adjustment

If this adjustment is not proper, the original may be damaged and paper jams may occur.

1) With the push switch on the RADF control PWB ON, supply the power.
2) Set the DOP switch on the RADF control PWB to the motor system individual operation check mode.

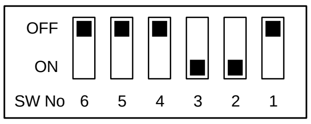


3) Open and close the RADF unit paper exit section cover. (The motor system individual operation check mode becomes valid.)
4) Press the push switch on the RADF control PWB several times to rotate the paper feed motor normally.
5) Turn VR2 to turn off the original feed monitor LED, then stop turning VR2 when the LED lights up.
6) Press the push switch on the RADF control PWB several times to rotate the paper feed motor reversely.
7) Turn VR1 to turn off the original feed monitor LED, then stop turning VR1 when the LED lights up.

(2) Paper exit motor rotating speed adjustment

If this adjustment is not proper, originals may be damaged when they are discharged, or originals may not be discharged neatly, or paper jams may occur.

1) With the push switch on the RADF control PWB ON, supply the power.
2) Set the DOP switch on the RADF control PWB to the motor system individual operation check mode.



3) Open and close the RADF unit paper exit section cover. (The motor system individual operation check mode becomes valid.)
4) Press the push switch on the RADF control PWB several times to rotate the paper feed motor at low speed.
5) Turn VR4 to turn off the original feed monitor LED, then stop turning VR1 when the LED lights up.
6) Press the push switch on the RADF control PWB several times to rotate the paper feed motor at high speed.
7) Turn VR3 to turn off the original feed monitor LED, then stop turning VR1 when the LED lights up.

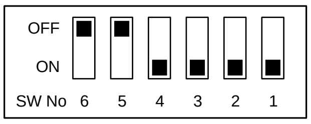
Be sure to adjust in the low speed rotation mode, then adjust in the high speed rotation mode.

(3) Transport motor rotating sensor phase adjustment

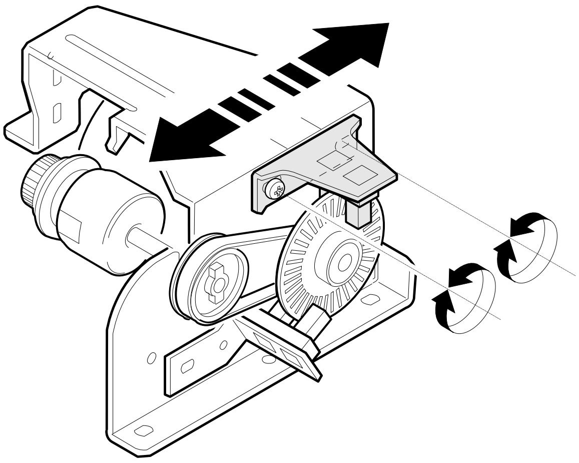
If this adjustment is not proper, the original reverse operation in duplex copying may not performed properly.

(The transport motor normal rotation and reverse rotation are detected with two transport motor rotation sensors.)

1) With the push switch on the RADF control PWB ON, supply the power.
2) Set the DOP switch on the RADF control PWB to the transport motor rotation sensor phase adjustment mode.



3) Open and close the RADF unit paper exit section cover. (The transport motor rotation sensor phase adjustment mode becomes valid.)
4) Press the push switch on the RADF control PWB several times to rotate the transport motor.
5) Change the transport motor rotation sensor 2 position to adjust so that the original feed LED or the LED2 on the RADF control PWB lights up during rotation of the transport motor.



The transport motor rotation sensor 1 position cannot be changed.

9. Original table section (Japan only)

Adjustment list

Content		Method
A	Original size sensor adjustment	Use SIM 41-2. (auto)
B	Original size sensor switch adjustment	Adjust with the original size sensor switch actuator adjustment screw.

A. Original size sensor adjustment

① Execute SIM 41-2.

```
SIMULATION NO. 41-2
INPUT 1~3
1. ORIGINAL SIZE SENSOR CHECK
2. ORIGINAL SIZE SENSOR ADJUSTMENT
3. ORIGINAL SENSOR LIGHT RECEPTION LEVEL/
   SETTING LEVEL DISPLAY
```

```
SIMULATION NO. 41-2
WITH ORIGINAL COVER OPEN WITHOUT ORIGINAL ON
ORIGINAL TABLE
```

② According to the message on the LCD, press the START button with the RADF open without original on the original table. The ready lamp (RPL) goes off and lights up again. At the same time, the LCD screen turns to the following message. (The sensor level without original is stored.)

```
SIMULATION NO. 41-2
WITH THE ORIGINAL COVER OPEN, SET A3 (11 ×
17") PAPER ON THE ORIGINAL TABLE, AND PRESS
THE START BUTTON.
```

③ According to the message on the LCD, set A3 (11 × 17") paper on the original table, and press the START button with the original cover open. At that time, the sensor level when the original is set is stored. The threshold level is calculated from this level and the sensor level stored in (2) without original. If this threshold level is normal, the data are stored in the backup memory, and the LCD goes to the next display as shown below.

[Judgement level calculation OK display]

```
SIMULATION NO. 41-2
ORIGINAL SIZE SENSOR LEVEL HAS BEEN ADJUSTED.
```

(The threshold level of each sensor can be checked with SIM 41-3.)

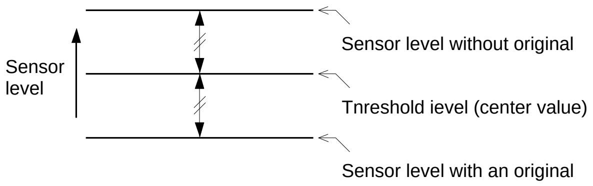
If an abnormal threshold level is calculated, the data are not stored in the memory and the following display is shown.

[Judgement level calculation NG display]

```
SIMULATION NO. 41-2
ORIGINAL SIZE SENSOR LEVEL MISADJUSTED.
MISADJUSTED SENSORS ARE AS FOLLOWS:
-, PD3, -, PD5, -, -
```

<Reference> Detection level setting principle

The sensor level with original and the sensor level without original are read, and the average value (center value) is stored in the backup memory as the threshold level of original presence.


Sensor level
Sensor level without original
Tnreshold ievel (center value)
Sensor level with an original

Original size sensor operation check

Use SIM 41-1 for the original size sensor operation check.

① Execute SIM 41-1.

```
SIMULATION NO. 41
1. ORIGINAL SIZE SENSOR CHECK
2. ORIGINAL SIZE SENSOR ADJUSTMENT
3. ORIGINAL SENSOR LIGHT RECEPTION LEVEL/
  SETTING LEVEL DISPLAY
```

② ON/OFF of each sensor can be checked.

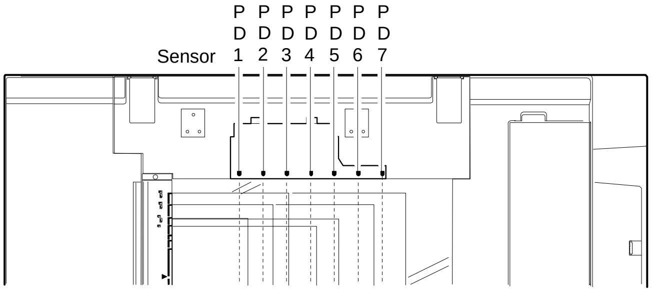
```
SIMULATION NO. 41-1
OCSW
---
B5    (PD2)
A4    (PD3)
B5R   (PD4)
A4R   (PD5)
B4    (PD6)
A3    (PD7)
```

OCSW: Highlighted when the original size sensor switch is active.

Original size sensor: Highlighted when original presence is detected (optical axis in interrupted).

∗ With the RADF open, place A3 (11 × 17") paper on the table glass. Slide the paper to the left. Check that each original size sensor turns from reverse display (ON) to normal display (OFF).

Sensor No.	Size
PD 1	—
PD 2	B5
PD 3	A4
PD 4	B5R
PD 5	A4R
PD 6	B4
PD 7	A3



Light reception level and threshold level check

① Execute SIM 41-3.

```
SIMULATION NO. 41
INPUT 1-3
1. ORIGINAL SIZE SENSOR CHECK
2. ORIGINAL SIZE SENSOR ADJUSTMENT
3. ORIGINAL SENSOR LIGHT RECEPTION LEVEL/
   SETTING LEVEL DISPLAY
```

The current light reception level and the threshold level of each sensor are displayed.

```
SIMULATION NO. 41-3
OCSW         LIGHT RECEPTION LEVEL   SETTING LEVEL
---
B5   (PD2)           ***                  ***
A4   (PD3)           ***                  ***
B5R  (PD4)           ***                  ***
A4R  (PD5)           ***                  ***
B4   (PD6)           ***                  ***
A3   (PD7)           ***                  ***
```

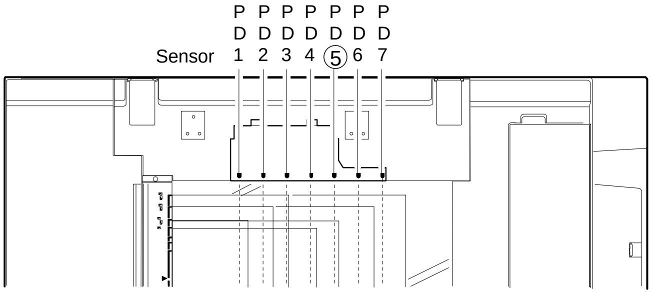
B. Original size sensor switch adjustment

① Execute SIM 41-1.

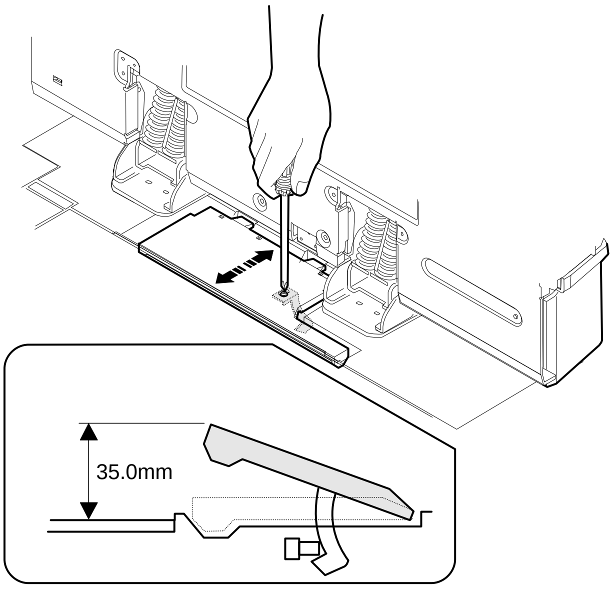
```
SIMULATION NO. 41-1
OCSW
---
B5   (PD2)
A4   (PD3)
B5R  (PD4)
A4R  (PD5)
B4   (PD6)
A3   (PD7)
```

② Slowly tilt down the LED unit and check that the paper auto selection display (OCSW) turns off when the LED unit top is 35.0±0.5mm from the table glass.

∗ When checking the height, check at "PD5" position of the LED unit.



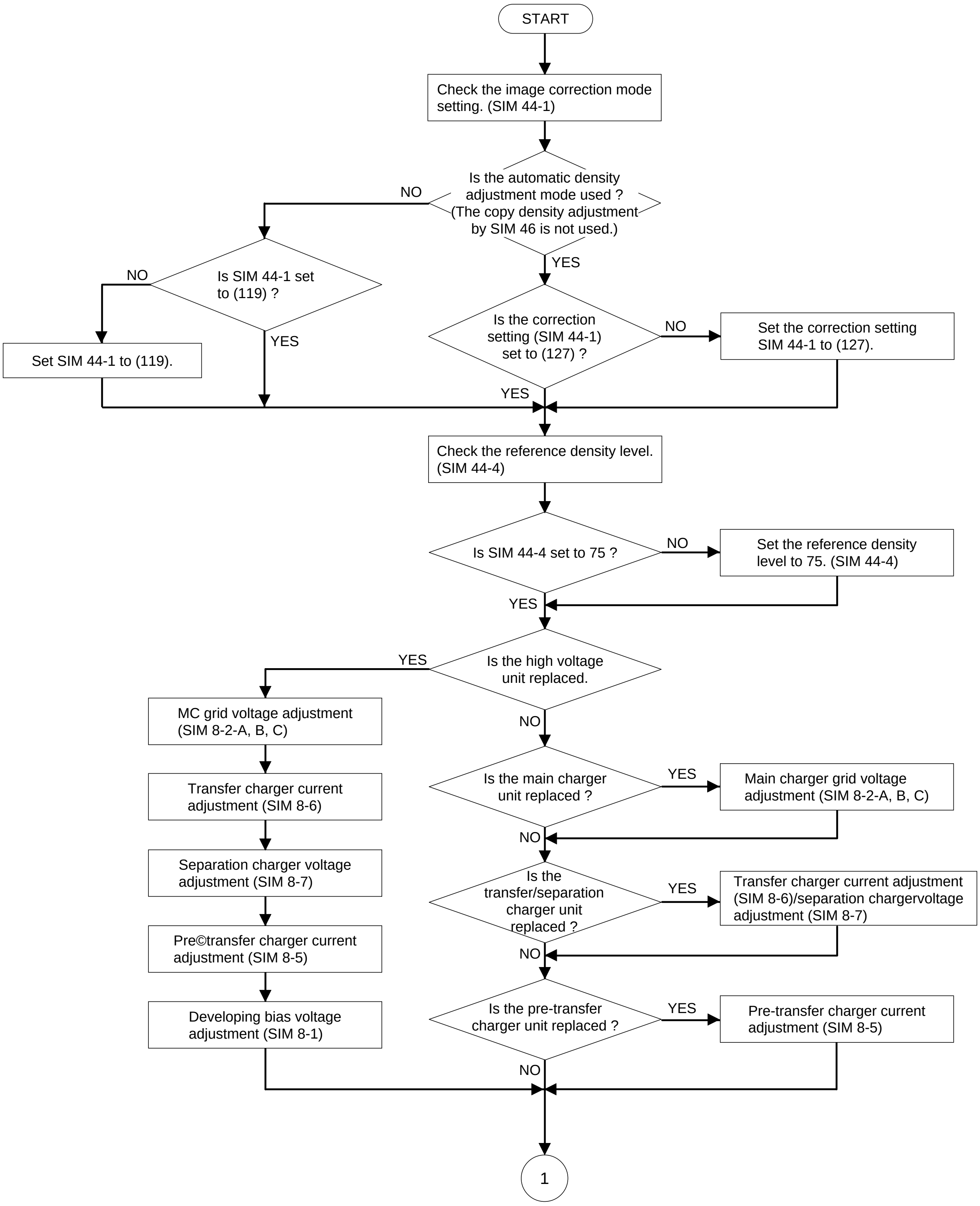
③ If the above state is not realized, slide the actuator position in the arrow direction, and adjust.

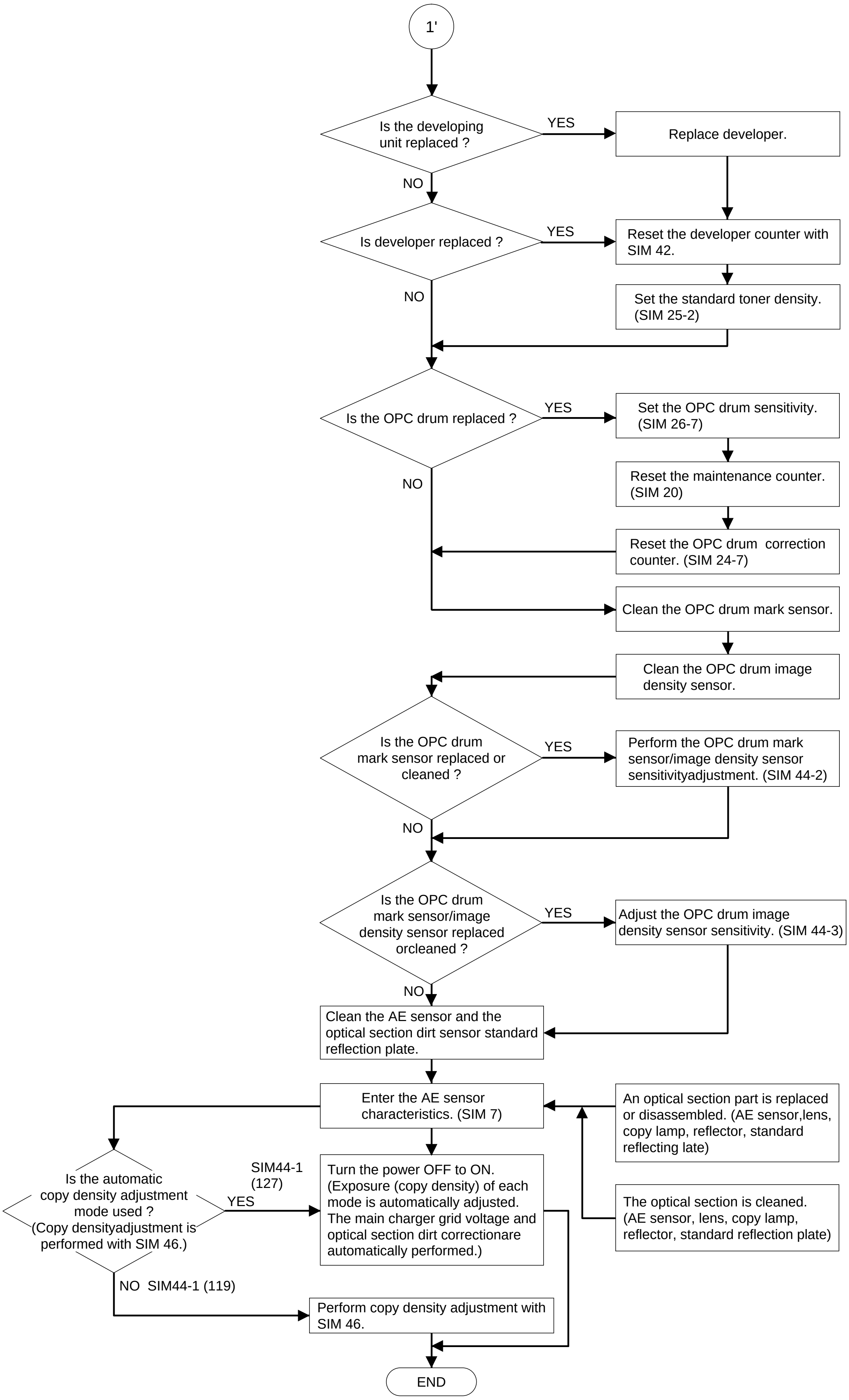


10. Picture quality correction system setting and adjustment

To provide copies of the pooper density at any time, the picture quality correction system must be operated properly.

For that purpose, follow the flowchart below when checking, setting and adjusting.


START
Check the image correction mode setting. (SIM 44-1)
Is the automatic density adjustment mode used ? (The copy density adjustment by SIM 46 is not used.)
NO
YES
Is SIM 44-1 set to (119) ?
NO
YES
Set SIM 44-1 to (119).
Is the correction setting (SIM 44-1) set to (127) ?
NO
YES
Set the correction setting SIM 44-1 to (127).
Check the reference density level. (SIM 44-4)
Is SIM 44-4 set to 75 ?
NO
YES
Set the reference density level to 75. (SIM 44-4)
Is the high voltage unit replaced.
YES
NO
MC grid voltage adjustment (SIM 8-2-A, B, C)
Transfer charger current adjustment (SIM 8-6)
Separation charger voltage adjustment (SIM 8-7)
Pre©transfer charger current adjustment (SIM 8-5)
Developing bias voltage adjustment (SIM 8-1)
Is the main charger unit replaced ?
YES
NO
Main charger grid voltage adjustment (SIM 8-2-A, B, C)
Is the transfer/separation charger unit replaced ?
YES
NO
Transfer charger current adjustment (SIM 8-6)/separation chargervoltage adjustment (SIM 8-7)
Is the pre-transfer charger unit replaced ?
YES
NO
Pre-transfer charger current adjustment (SIM 8-5)
1


1'
Is the developing unit replaced ?
YES
Replace developer.
NO
Is developer replaced ?
YES
Reset the developer counter with SIM 42.
Set the standard toner density. (SIM 25-2)
NO
Is the OPC drum replaced ?
YES
Set the OPC drum sensitivity. (SIM 26-7)
NO
Reset the maintenance counter. (SIM 20)
Reset the OPC drum correction counter. (SIM 24-7)
Clean the OPC drum mark sensor.
Clean the OPC drum image density sensor.
Is the OPC drum mark sensor replaced or cleaned ?
YES
Perform the OPC drum mark sensor/image density sensor sensitivityadjustment. (SIM 44-2)
NO
Is the OPC drum mark sensor/image density sensor replaced orcleaned ?
YES
Adjust the OPC drum image density sensor sensitivity. (SIM 44-3)
NO
Clean the AE sensor and the optical section dirt sensor standard reflection plate.
Enter the AE sensor characteristics. (SIM 7)
An optical section part is replaced or disassembled. (AE sensor,lens, copy lamp, reflector, standard reflecting late)
Is the automatic copy density adjustment mode used ? (Copy densityadjustment is performed with SIM 46.)
SIM44-1 (127)
YES
Turn the power OFF to ON. (Exposure (copy density) of each mode is automatically adjusted. The main charger grid voltage and optical section dirt correctionare automatically performed.)
The optical section is cleaned. (AE sensor, lens, copy lamp, reflector, standard reflection plate)
NO SIM44-1 (119)
Perform copy density adjustment with SIM 46.
END

In this section, descriptions are made only on the items which are not described in the other sections. For the check, setting, and adjustment items, therefore, which are listed on the above flowchart but not described in this chapter, refer to the other sections.

Adjustment and setting list

Content		Method
A	Picture quality correction system operation mode setting	Set SIM 44-1 to (127).
B	Main charger grid voltage correction reference density setting	Set SIM 44-5 to 75.
C	Image density sensor sensitivity adjustment	Use SIM 44-3 to adjust the sensor sensitivity.
D	Drum mark sensor sensitivity adjustment	Use SIM 44-2 to adjust the sensor sensitivity.
E	Main charger grid voltage, copy lamp voltage correction	In warming up after turning on the power, the main charger grid voltage, the copy lamp voltage, and the toner concentration are automatically corrected.

A. Picture quality correction system operation mode setting

The following correction items are set to be valid or not. Normally all the correction function are set to valid by setting SIM 44-1 to 127.

∗ Main charger grid voltage correction

∗ Optical dirt correction (copy lamp voltage)

∗ Photoconductor drum sensitivity (film wear) correction

∗ Copy density auto adjustment (exposure correction, copy lamp voltage)

∗ Toner concentration correction

① Enter the SIM 44-1 mode.

② Enter the set value of 127 with the 10-key pad, and press the START button.

Display	Content	Set value (weight)	Inhibit
A	Main charger grid (OPC drum charging) voltage correction	1	Inhibited
B	Optical section dirt correction	2	0
C	OPC drum sensitivity (membrane decrease) correction	4	0
D	Auto copy density adjustment	8	0
E	Toner concentration correction A	16	0
F	Toner concentration correction B	32	0
G	Toner concentration correction C (Immediately after starting copying)	64	0
	All functions are operated.	127	0

(Auto copy density adjustment mode)

The copy density is automatically adjusted. (When warming up after turning on the power, the copy lamp voltage is automatically adjusted, eliminating the need for a serviceman to adjust.)

The copy density level and the density gradient are set to the same level as in SIM 46.

In the adjustment mode by SIM 46, the copy density and the density gradient can be adjusted to a voluntary level. In the automatic adjustment mode, however, the copy density and the density gradient are fixed.

If, therefore, there is any special request from the user, use SIM 46 to satisfy the user's needs.

Employment of the adjustment result by SIM 46 or by the automatic adjustment must be selected with SIM 44-1.

When SIM 44-1 (D) (automatic copy density adjustment) is set to valid, the automatic copy density adjustment result is used for operation. When it is set to invalid, the adjustment by SIM 46 is allowed and the result by SIM 46 is used for operation.

B. Main charger grid voltage correction reference density setting

This is to set the reference level in the main charger grid voltage correction. SIM 44-4 must be set to 75.

① Enter the SIM 44-4 mode.

② Enter 75 with the 10-key pad and press the START button.

C. Image density sensor sensitivity adjustment

The sensor sensitivity is adjusted to sense the toner patch image density correctly when the main charger grid voltage correction is performed. SIM 44-3 is used to adjust.

Before this adjustment, be sure to clean the sensor.

If this adjustment is not proper, F2 trouble may occur.

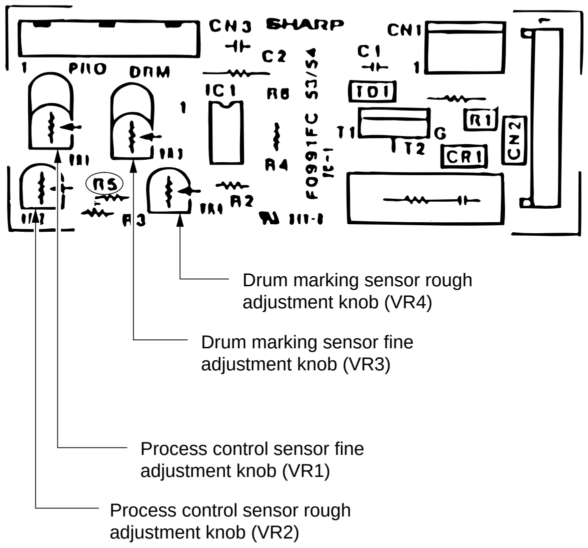
① Turn VR1 and VR2 fully to the left.

② Enter SIM 44-03.

③ Adjust to the range of 668 ~ 998 with the fine control volume VR1.

④ If turning VR1 will not provide the adjustment range, turn VR2 fully to the left, and turn the rough control volume VR2 to set to the range around 815.

⑤ Set to 668 ~ 998 with VR1.


CN3
SHARP
CN1
C2
C1
PHO
DRM
IC1
R6
TD1
R1
CN2
T1
T2
G
CR1
R4
R5
R3
R2
Drum marking sensor rough adjustment knob (VR4)
Drum marking sensor fine adjustment knob (VR3)
Process control sensor fine adjustment knob (VR1)
Process control sensor rough adjustment knob (VR2)

D. Drum mark sensor sensitivity adjustment

The sensor sensitivity is adjusted for precise detection of the drum mark when the main charger grid voltage correction is performed.

SIM 44-2 is used to adjust.

Before this adjustment, be sure to clean the sensor.

If this adjustment is not proper, F2 trouble may occur.

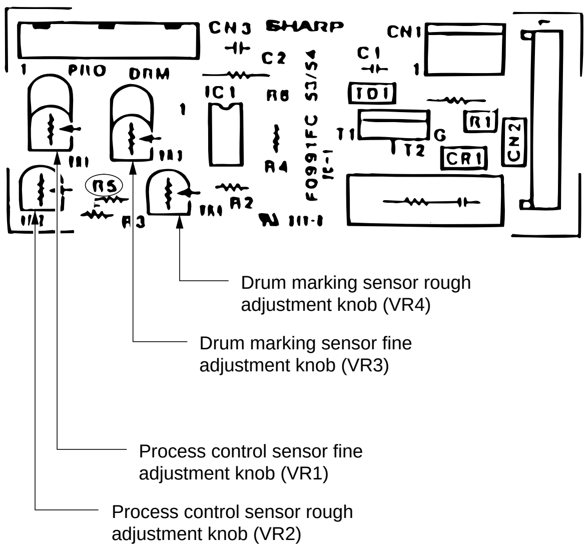
① Turn VR3 and VR4 fully to the left.

② Enter SIM 44-02.

③ Adjust to the range of 123-233 with the fine control volume VR3.

④ If turning VR3 will not provide the adjustment range, turn VR3 fully to the left, and turn the rough control volume VR4 to set to the range around 170.

⑤ Set to 123 ~ 233 with VR3.



Drum marking sensor rough adjustment knob (VR4)

Drum marking sensor fine adjustment knob (VR3)

Process control sensor fine adjustment knob (VR1)

Process control sensor rough adjustment knob (VR2)

E. Main charger grid voltage, copy lamp voltage correction, toner concentration correction

The copier automatically performs the following corrections in order to provide proper density copy at any time.

- ∗ Optical section dirt correction (Copy lamp voltage correction)
- ∗ OPC drum sensitivity correction (membrane decrease correction) (Copy lamp voltage correction)
- ∗ Toner concentration correction
- ∗ Main charger grid voltage correction
- ∗ Copy density (Copy lamp voltage adjustment)

(Conditions for the correction)

- ∗ When warming up after turning on the power
- ∗ After canceling a simulation

In the following cases, the power is turned off and on, and correction of the main charger grid voltage, the copy lamp voltage, and the toner concentration must be performed.

- ∗ Before executing the copy density adjustment with SIM 46
- ∗ When the optical section (including optical dirt sensor) is cleaned.
- ∗ When the optical section is disassembled.
- ∗ When any part in the optical section is replaced. (including the optical section dirt sensor)
- ∗ When the high voltage unit is replaced.
- ∗ When a charger voltage is adjusted.
- ∗ When developer is replaced.
- ∗ When the OPC drum is replaced.
- ∗ When the image density sensor sensitivity is adjusted (or when the image density sensor is replaced).
- ∗ When the image density adjusting PWB is replaced.
- ∗ When main control PWB is replaced.
- ∗ When the EEPROM or RAM on the main control PWB is replaced.
- ∗ When memory trouble (U2, etc.) occurs.

11. Copy density adjustment

Copy density adjustment list

Content		Copy mode				Method
A	AE sensor characteristics input					Use SIM 47 to tore the relationship between the copy lamp light quantity (voltage) and the AE sensor output.
B	Copy density adjustment with SIM 46	(1)	Non-toner-save mode	a	Manual copy mode copy density adjustment	Change the set value of SIM 46 to adjust the basic copy density level and the density gradient.
				b	Photo copy mode copy density adjustment	
				c	Auto copy mode copy density adjustment	
		(2)	Toner save mode	a	Manual copy mode copy density adjustment	
				c	Auto copy mode copy density adjustment	
C	Auto density adjustment (Automatically performed in warm-up after turning on the power.)	(1)	Non-toner-save mode Toner save mode	a	Manual copy mode copy density adjustment Photo copy mode copy density adjustment	Automatically adjusted after turning on the power. (Change the key operator program 20 density level to adjust.)
		(2)	Non-toner-save mode Toner save mode	b	Auto copy mode copy density adjustment	

Cases to require the copy density adjustment

The copy density adjustment must be performed in the following cases.

No.	Item	Details
1	At maintenance	
2	When a part in the process section is replaced.	Corona unit, high voltage unit, drum marking sensor, image density sensor
3	When the high voltage section is adjusted.	Main, pre-transfer, transfer, separation corona unit, developing bias
4	When the drum marking sensor or the image density sensor is cleaned.	
5	When the drum marking sensor or the image density sensor is adjusted.	
6	When the optical section part is replaced or disassembled.	
7	When the optical section is cleaned.	Mirror, lens, AE sensor, optical dirt correction, reference reflection plate, exposure lamp, reflector, original table
8	When the AC control PWB is replaced.	Replace AC control PWB parts.
9	When consumable part is replaced.	OPC drum, developer
10	When the main control PWB is replaced. ∗	
11	When EEPROM or SRAM is replaced. ∗	
12	When memory trouble occurs. ∗	

Note: The copy density adjustment must be performed in all the copy modes. ∗ Be sure to execute SIM 46-1 to adjust copy density first. If not,, the automatic copy density adjustment does not function properly.

Requirements and conditions before performing the copy density adjustment

No.	Item	Details
1	The optical section is not dirty.	Mirror, lens, AE sensor, optical dirt correction, reference reflection plate, exposure lamp, reflector, original table
2	The process section is not dirty.	Main, pre-transfer, transfer/separation corona unit, OPC drum, developing unit, discharge lamp, blank lamp, cleaning unit
3	The OPC drum sensitivity is set.	Use SIM 26-7.
4	The high voltage output is properly adjusted.	Main, pre-transfer, transfer/separation corona unit, developing bias
5	The drum marking sensor and the image density sensor are not dirty.	
6	The drum marking sensor and the image density sensor are properly adjusted.	
7	The OPC drum correction counter is reset.	Use SIM 24-7.
8	Use SIM 47 to store AE sensor characteristics to memory.	

Copy density adjustment reference

Copy mode					Density level		UKOG162FCZZ gray scale		
					Operation panel density setting	Key operator P20 setting	Copied.	Slightly copied.	Not copied.
Copy density adjustment by SIM 46	(1)	Non-toner-save mode	a	Manual copy mode copy density adjustment	1	3	7	6	5
					5	3	1		W
			b	Photo copy mode copy density adjustment	1	3	7	6	5
					5	3	1		W
			c	Auto copy mode copy density adjustment		3	4	3	2
	(2)	Toner save mode (Key operator program P20)	a	Manual copy mode copy density adjustment	1	3	7	6	5
					5	3	1		W
			c	Auto copy mode copy density adjustment		3	4	3	2

Copy mode					Density level		UKOG162FCZZ gray scale		
					Operation panel density setting	Key operator P20 setting	Copied.	Slightly copied.	Not copied.
Auto density adjustment Copy density adjustment by key operator program	(1)	Non-toner-save mode Toner save mode	a	Manual copy mode copy density adjustment	1	3	7	6	5
					5	3	1		W
			b	Photo copy mode copy density adjustment		3	7	3	2
					5	3	1		W
			c	Auto copy mode copy density adjustment		3	4	3	2
	(2)	Toner save mode (Key operator program P20)	a	Manual copy mode copy density adjustment	1	3	7	6	5
					5	3	1		W
			c	Auto copy mode copy density adjustment		3	4	3	2

The copy density and the density gradient are adjusted by changing the copy lamp light quantity (voltage). There are following two adjustment modes of the copy density.

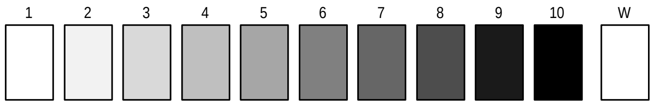
∗ Copy density adjustment mode by SIM 46 (The adjustment procedure and the adjustment mode are the same as the conventional ones.)

∗ Automatic copy density adjustment mode (The copy lamp voltage is automatically adjusted in warming up after turning on the power, eliminating the need for a serviceman to adjust.)
The copy density level and the density gradient are set to the same level as in SIM 46.
In the adjustment mode by SIM 46, the copy density and the density gradient can be adjusted to a voluntary level. In the automatic adjustment mode, however, the copy density and the density gradient are fixed.
If, therefore, there is any special request from the user, use SIM 46 to satisfy the user's needs.
Employment of the adjustment result by SIM 46 or by the automatic adjustment must be selected with SIM 44-1.
When SIM 44-1 (D) (automatic copy density adjustment) is set to valid, the automatic copy density adjustment result is used for operation. When it is set to invalid, the adjustment by SIM 46 is allowed and the result by SIM 46 is used for operation.

Display	Content	Set value (weight)	Inhibit
A	Main charger grid (OPC drum charging) voltage correction	1	Inhibited
B	Optical section dirt correction	2	0
C	OPC drum sensitivity (membrane decrease) correction	4	0
D	Auto copy density adjustment	8	0
E	Toner concentration correction A	16	0
F	Toner concentration correction B	32	0
G	Toner concentration correction C (Immediately after starting copying)	64	0
	All functions are operated.	127	0

Normally the adjustment with SIM 46 is not required.

Test chart compatibility table



UKOG-0162FCZZ DENSITY No.	1	2	3	4	5	6	7	8	9	10	W
UKOG-0089CSZZ DENSITY No.	0.1		0.2		0.3				0.5	1.9	0
KODAK GRAY SCALE		1		2		3		4		19	A

SHARP CORPORATION
MADE IN JAPAN

A. AE sensor characteristics input

The AE sensor and the optical section characteristics for the change in the copy lamp voltage are stored.

The stored data are used with the original density to determine the exposure level in the auto copy mode.

When the key operation of the simulation is performed, the scanner unit performs initializing and moves to the center of the original table and stop there.

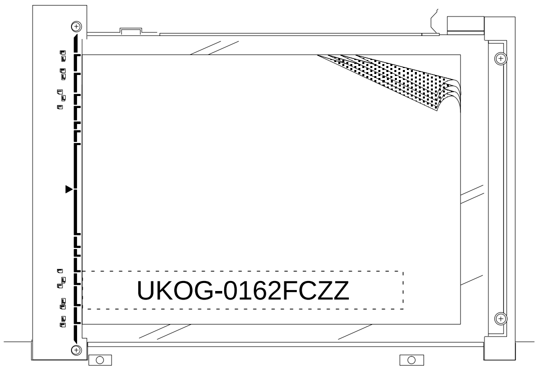
Put several sheets of white paper on the original table and close the RQDF unit.

Press the START button again, and the copy lamp applying voltage will vary from 80V (160V) to 45V (90V) in 5V step. At that time, the AE sensor output characteristics with the white original as the reference is stored in the RAM.

At that time, the AE sensor gain is automatically adjusted.

This operation must be performed before the copy density adjustment.

① Test chart setting
Set the test chart (UKOG-0162FCZZ) and A3 (11 × 17") white paper on the original table as shown below.



The copy density adjustment is also performed in the above state.

② Execute SIM 47.

B. Copy density adjustment by SIM 46

Put the test chart and several sheets of A3 (11 × 17") white paper on the original table similarly to the AE sensor characteristics input.

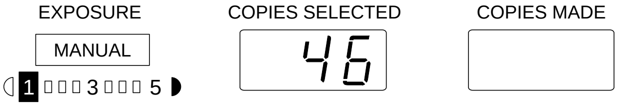
(1) Non-toner-save mode

a. Manual copy mode copy density adjustment

① When SIM 46 is executed, the following display is shown.

Select the manual mode with the EXPOSURE select key.

```
SIMULATION NO. 46
INPUT (450 ~ 800): NORMAL MODE
     (TONER SAVE MODE: USE [→] KEY)
```

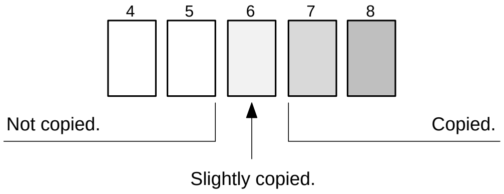

EXPOSURE
MANUAL
1 3 5
COPIES SELECTED
46
COPIES MADE

② Set "1" with ◐ (LIGHT) key.

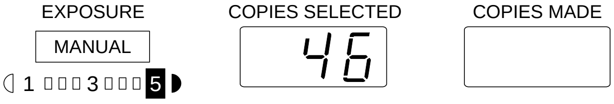
Make a copy.
Check that "6" (0.5) of UKOG-0162FCZZ (UKOG-0089CSZZ) is slightly copied (clearly copied) and "5" (0.3) is not copied.

<When too light> Decrease the value displayed on the COPIES MADE display.

<When too dark> Increase the value displayed on the COPIES MADE display.


4
5
6
7
8
Not copied.
Copied.
Slightly copied.

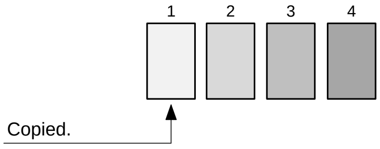
③ Set to "5" with ◑ (DARK) key.


EXPOSURE
MANUAL
1 3 5
COPIES SELECTED
46
COPIES MADE

Make a copy.
Check that "1" (0.1) of UKOG-0162FCZZ (UKOG-0089CSZZ) is copied and "W" (0) is not copied.

<When too light> Decrease the value displayed on the COPIES MADE display.

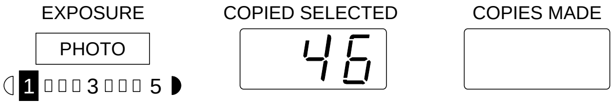
<When too dark> Increase the value displayed on the COPIES MADE display.


1
2
3
4
Copied.

b. Photo copy mode copy density adjustment

① Select the photo mode with the EXPOSURE select key.

```
SIMULATION NO. 46
INPUT (450 ~ 800): PHOTO MODE
     (TONER SAVE MODE: USE [→] KEY)
```

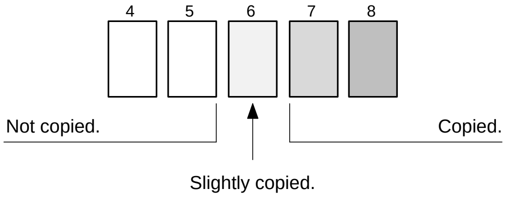

EXPOSURE
PHOTO
1 3 5
COPIED SELECTED
46
COPIES MADE

② Set "1" with ◐ (LIGHT) key.

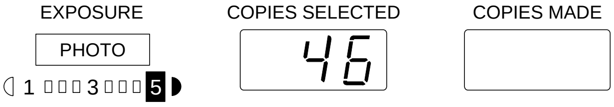
Make a copy.
Check that "6" (0.5) of UKOG-0162FCZZ (UKOG-0089CSZZ) is clearly copied and "5" (0.3) is not copied.

<When too light> Decrease the value displayed on the COPIES MADE display.

<When too dark> Increase the value displayed on the COPIES MADE display.


4
5
6
7
8
Not copied.
Copied.
Slightly copied.

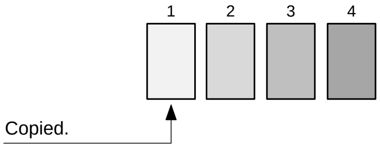
③ Set to "5" with ◑ (DARK) key.


EXPOSURE
PHOTO
1 3 5
COPIES SELECTED
46
COPIES MADE

Make a copy.
Check that "1" (0.1) of UKOG-0162FCZZ (UKOG-0089CSZZ) is copied and "W" (0) is not copied.

<When too light> Decrease the value displayed on the COPIES MADE display.

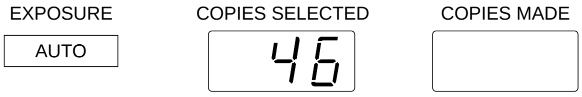
<When too dark> Increase the value displayed on the COPIES MADE display.


1
2
3
4
Copied.

c. Auto copy mode copy density adjustment

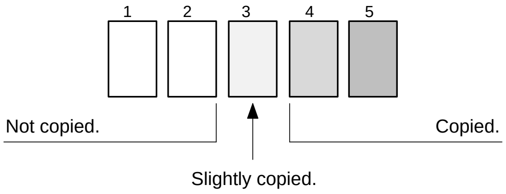
① Select the auto exposure mode with the EXPOSURE select key.

```
SIMULATION NO. 46
INPUT (450 ~ 800): AUTO MODE
     (TONER SAVE MODE: USE [→] KEY)
```


EXPOSURE
AUTO
COPIES SELECTED
46
COPIES MADE

Make a copy.
Check that "3" (0.2) of UKOG-0162FCZZ (UKOG-0089CSZZ) is slightly copied and "2" (0.1) is not copied.

<When too light>	Decrease the value displayed on the COPIES MADE display.
<When too dark>	Increase the value displayed on the COPIES MADE display.


1
2
3
4
5
Not copied.
Copied.
Slightly copied.

(2) Toner save mode

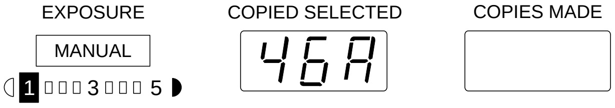
Select the toner save mode with the scroll key.

When the toner save mode is selected, the LCD displays the toner save mode.

a. Manual copy mode copy density adjustment

① Select the manual mode with the EXPOSURE select key.

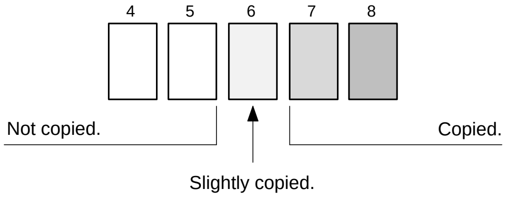
```
SIMULATION NO. 46
INPUT (450 ~ 800): TONER SAVE MODE
    (NORMAL MODE: USE [→] KEY)
```


EXPOSURE
MANUAL
1 3 5
COPIED SELECTED
46A
COPIES MADE

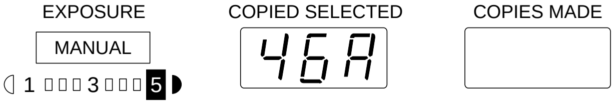
② Set "1" with ◖ (LIGHT) key.

Make a copy.
Check that "6" (0.5) of UKOG-0162FCZZ (UKOG-0089CSZZ) is slightly copied (clearly copied) and "5" (0.3) is not copied.

<When too light>	Decrease the value displayed on the COPIES MADE display.
<When too dark>	Increase the value displayed on the COPIES MADE display.

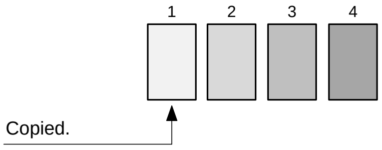

4
5
6
7
8
Not copied.
Copied.
Slightly copied.

③ Set to "5" with ◗ (DARK) key.


EXPOSURE
MANUAL
1 3 5
COPIED SELECTED
46A
COPIES MADE

Check that the exposure display shows "5."
Make a copy.
Check that "1" (0.1) of UKOG-0162FCZZ (UKOG-0089CSZZ) is copied and "W" (0) is not copied.

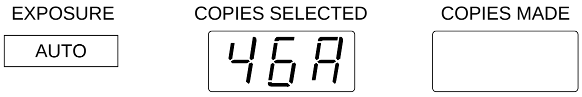
<When too light>	Decrease the value displayed on the COPIES MADE display.
<When too dark>	Increase the value displayed on the COPIES MADE display.


1
2
3
4
Copied.

b. Auto copy mode copy density adjustment

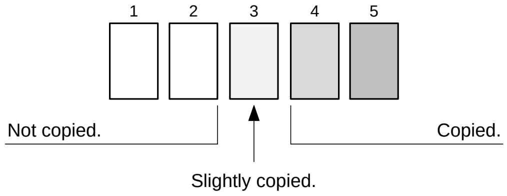
① Select the auto exposure mode with the EXPOSURE select key.

```
SIMULATION NO. 46
INPUT (450 ~ 800): TONER SAVE MODE
  (NORMAL MODE: USE [→] KEY)
```


EXPOSURE
AUTO
COPIES SELECTED
46A
COPIES MADE

Make a copy.
Check that "3" (0.2) of UKOG-0162FCZZ (UKOG-0089CSZZ) is slightly copied and "2" (0.1) is not copied.

<When too light>	Decrease the value displayed on the COPIES MADE display.
<When too dark>	Increase the value displayed on the COPIES MADE display.


1
2
3
4
5
Not copied.
Copied.
Slightly copied.

When the copy exposure is within the specified range, the picture quality adjustment is completed.

C. Auto copy density adjustment]

1) Set the test chart (UKOG-0162FCZZ) and several sheets of A3 (11 × 17") white paper on the original table similarly to the AE sensor characteristics input.

2) Turn on the power, and wait until the copier enters the ready state after completion of warming up. (During warming up, the copy density adjustment is automatically performed.)

3) Enter the key operator program 20 mode.

```
P20:COPY DENSITY ADJUSTMENT
THE AUTO COPY DENSITY ADJUSTMENT IS PERFORMED.
1:LIGHT          2:SLIGHTLY LIGHT    3:STANDARD
4:SLIGHTLY DARK  5:DARK
```

4) Set the copy density level in the auto copy mode to "3."
(Use the 10-key pad to enter 3.)
The mode is changed to the manual (photo) copy mode density adjustment level adjustment mode.

```
P20:COPY DENSITY ADJUSTMENT
THE MANUAL COPY DENSITY ADJUSTMENT IS PERFORMED.
1:LIGHT          2:SLIGHTLY LIGHT    3:STANDARD
4:SLIGHTLY DARK  5:DARK
```

5) Set the manual (photo) copy mode copy density level to "3."
(Use the 10-key pad to enter 3.)
In the coy density adjustment by the key operator program 20, there is no difference between the manual and the photo copy mode copy density level adjustment. (Both are performed simultaneously.)

   The copy density level adjustment by the key operator program 20 allows to change the overall density level, but cannot change the density gradient.

6) Cancel the key operator program 20

7) Make copies in the manual and the photo copy mode (non-toner-save mode) at exposure level 1 and 5. Then make a copy in the auto copy mode.
Check that the density is within the copy density adjustment reference (density level, density gradient).
The reference is the same as the copy density adjustment reference by SIM 46.

[7] SIMULATION

1. General

This model is equipped with the following simulation functions:

For the operations, keys on the operation panel are used.

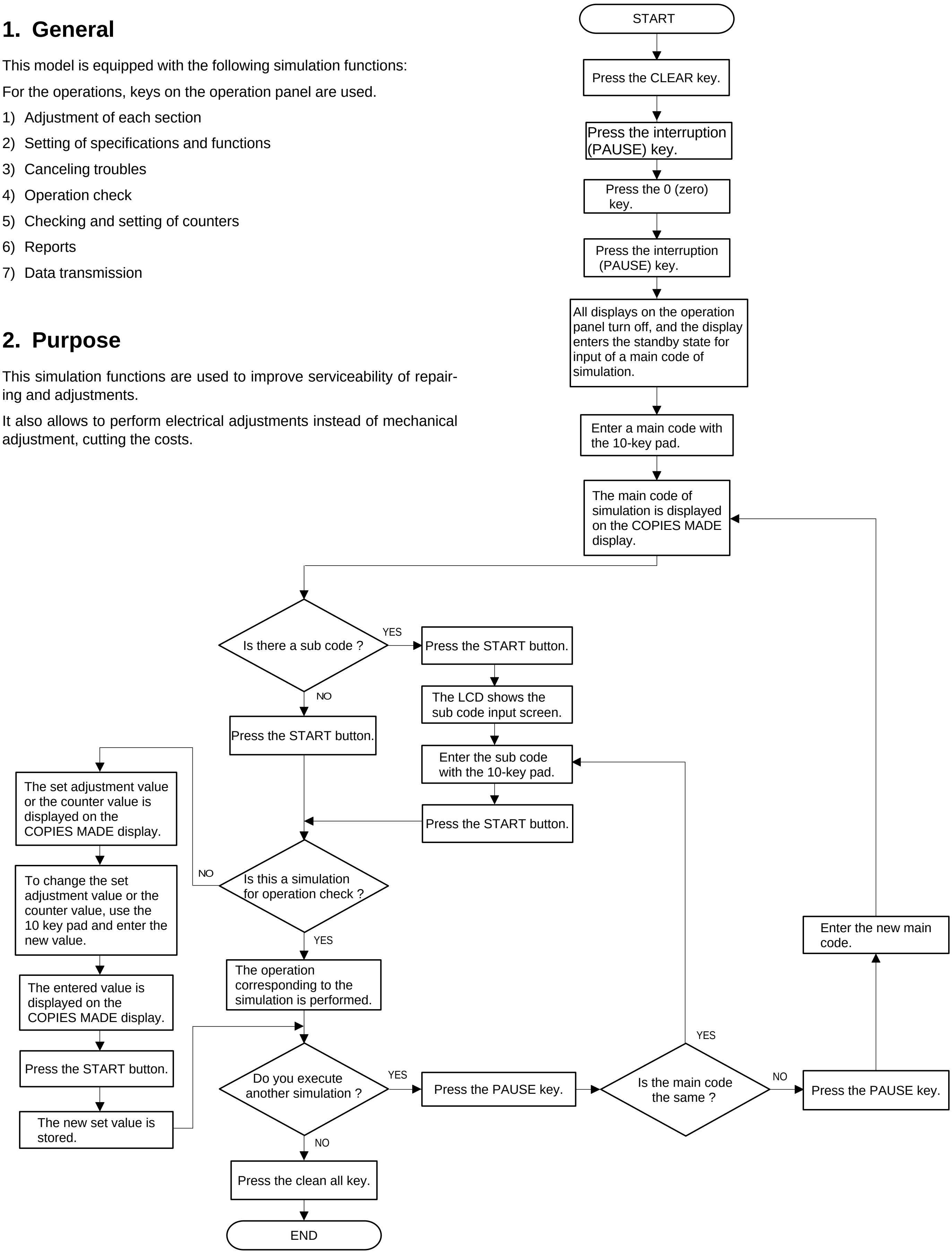
1) Adjustment of each section
2) Setting of specifications and functions
3) Canceling troubles
4) Operation check
5) Checking and setting of counters
6) Reports
7) Data transmission

2. Purpose

This simulation functions are used to improve serviceability of repairing and adjustments.

It also allows to perform electrical adjustments instead of mechanical adjustment, cutting the costs.

3. Operating procedure


START
Press the CLEAR key.
Press the interruption (PAUSE) key.
Press the 0 (zero) key.
Press the interruption (PAUSE) key.
All displays on the operation panel turn off, and the display enters the standby state for input of a main code of simulation.
Enter a main code with the 10-key pad.
The main code of simulation is displayed on the COPIES MADE display.
Is there a sub code ?
YES
Press the START button.
The LCD shows the sub code input screen.
Enter the sub code with the 10-key pad.
Press the START button.
NO
Press the START button.
Is this a simulation for operation check ?
NO
The set adjustment value or the counter value is displayed on the COPIES MADE display.
To change the set adjustment value or the counter value, use the 10 key pad and enter the new value.
The entered value is displayed on the COPIES MADE display.
Press the START button.
The new set value is stored.
YES
The operation corresponding to the simulation is performed.
Do you execute another simulation ?
YES
Press the PAUSE key.
Is the main code the same ?
YES
NO
Press the PAUSE key.
Enter the new main code.
NO
Press the clean all key.
END

4. Simulation list

(Operation) ∗1: Impossible to input with the 10-key pad.

Purpose	Section	Main code	Sub code	Content	Ref. page
Adjustment	Paper feed	26	8	Used to set the conditions for copy paper tray (No. 1-3) paper empty judgement. 26A: Paper feed tray 1 (invalid) 26B: Paper feed tray 2 26C: Paper feed tray 3	7-6
		51	2	Used to adjust copy paper contact pressure onto the resist roller in each paper feed mode. 51A: Manual paper feed tray 51B: Tray 1 51C: Tray 2 51D: Tray 3 51E: Cassette 51F: Not used 51G: Duplex unit	7-7
			3	Used to input the contact pressure adjustment value of paper onto the resist roller. Same as SIM 51-2 but without copying. 51A: Manual paper feed tray 51B: Tray 1 51C: Tray 2 51D: Tray 3 51E: Cassette 51F: Not used 51G: Duplex unit	7-8
			4	Used to adjust the paper stop position in front of the resist roller.	7-8
		40	2	Used to adjust the detection level of the manual paper feed tray paper width detector.	7-9
	Paper transport	51	1	Used to adjust the OPC drum separation pawl ON timing.	7-7
	Duplex	52	1	Used to adjust the duplex unit paper tray width direction alignment plate stop position.	7-10
			2	Used to adjust the duplex unit paper tray paper transport direction alignment plate stop position.	7-10
	Optical	48	1	Used to adjust the copy magnification ratio and the focus. 48A: Copy magnification ratio adjustment value (Normal) 48B: Copy magnification ratio adjustment value (Reduction) 48C: Copy magnification ratio adjustment value (Enlargement) 48D: Focus adjustment value (Normal) 48E: Focus adjustment value (Reduction) 48F: Focus adjustment value (Enlargement) 48G: Horizontal (paper transport direction) copy magnification ratio adjustment	7-11
			3	Used to input the copy magnification ratio and the focus adjustment value without copying. 48A: Copy magnification ratio adjustment value (Normal) 48B: Copy magnification ratio adjustment value (Reduction) 48C: Copy magnification ratio adjustment value (Enlargement) 48D: Focus adjustment value (Normal) 48E: Focus adjustment value (Reduction) 48F: Focus adjustment value (Enlargement) 48G: Horizontal (paper transport direction) copy magnification ratio adjustment	7-12
		50	1	Used to adjust the copy image position and void area (image loss). 50A: Distance data from MHP OFF to the image lead edge. 50B: Time data from the image lead edge to RRC ON. 50C: Time data from RRC ON to PSBRK OFF. 50D: Lead edge void amount data 50E: Rear edge void amount data	7-13
			2	Used to adjust the copy image position and void area (image loss). (Simple adjustment)	7-14
			3	Used to adjust the copy image position and void area (image loss) adjustment value. Same as SIM 50-1, but without copying. 50A: Distance data from MHP OFF to the image lead edge. 50B: Time data from the image lead edge to RRC ON. 50C: Time data from RRC ON to PSBRK OFF. 50D: Lead edge void amount data 50E: Rear edge void amount data	7-15
			4	Used to input the void area adjustment value. Same as SIM 50-1, 50D, 50E, but without copying.	7-16

Purpose	Section	Main code	Sub code	Content	Ref. page
Adjustment	Process	8	2	Used to check and adjust the main charger grid voltage and its control circuit operation in each copy mode.	7-16
				OBA: AE/MANUAL	
				OBB: PHOTO	
				OBC: TONER SAVE	
			5	Used to check and adjust the pre-transfer discharge current and its control circuit operation.	7-17
			6	Used to check and adjust the transfer charger current and its control circuit operation.	7-17
			7	Used to check and adjust the separation charger voltage and its control circuit operation.	7-17
		44	2	Used to adjust the OPC drum mark sensor sensitivity.	7-18
			3	Used to adjust the image density sensor sensitivity.	7-18
	Developing	8	1	Used to check and adjust the developing bias voltage and its control circuit operation.	7-18
	Process	25	2	Used to make initial setting of toner concentration.	7-18
	RADF	53	1	Used to adjust the document stop position of each operation mode of RADF.	7-19
				A (Normal paper/surface mode)	
				B (Normal paper/back mode)	
				C (Thin paper/surface mode)	
				D (Thin film/back mode)	
				E (Normal paper/step mode)	
				F (Thin paper/step mode)	
			2	Used to adjust the document stop position of each operation mode of RADF. Same as SIM 53-1, but without copying.	7-21
				A (Normal paper/surface mode)	
				B (Normal paper/back mode)	
				C (Thin film/surface mode)	
				D (Thin paper/back mode)	
				E (Normal paper/step mode)	
				F (Thin paper/step mode)	
			3	Used to adjust the sensitivity 'threshold level) of the photo sensor in the RADF.	7-21
	Document size sensor	41	2	Used to adjust the detection level of the document size sensor. (Japan only)	7-21
	Fusing unit	43	3	Used to adjust the fusing roller rotation speed.	7-22
Setting	Paper feed	26	2	Paper tray 1 paper size setting	7-23
	Process		7	OPC drum sensitivity setting	7-24
		44	1	Main charger grid voltage correction, optical unit correction, OPC drum, toner concentration correction and auto copy density adjustment (function setting)	7-25
			4	Image density setting in the main charger grid voltage of correction	7-25
	Fusing	43	1	Fusing temperature setting in each copy mode (Depending on the destination.) Single copy mode	7-26
				Duplex copy mode	7-26
	Auditor	26	3	Auditor specification setting (expansion memory initializing)	7-27
	Others	26	18	Toner save operation setting	7-28
			26	Power shut down mode setting	7-28
			28	Used for additional setting of copy manification ratios.	7-29
Operation test	Operation panel	5	1	Used to check the operation panel display lamp, LCD and its control circuit.	7-30
	Paper feed	6	3	Used to check the paper tray, paper tray section sensors and detectors, their control circuit.	7-30
		30	1	Used to check the operation of sensors and detectors except for those in the paper feed section of the copier, and the related circuit.	7-31
			2	Used to check the operation of sensors and detectors in the paper feed section of the copier and the related circuit.	7-32
		40	1	Used to check the manual paper feed tray paper width detector and the related circuit.	7-33
			3	Used to check the paper cassette paper size detector and the related circuit.	7-34
	Document size detection (japan only)	41	2	Used to check the operation of the document size sensor and the related circuit. The document size sensor operation can be monitored.	7-34
			3	Used to check the operation of the document size sensor and the related circuit. The document size sensor output level and the detected threshold level are displayed.	7-35
	Paper transport	6	1	Used to check the operation of the paper transport system clutches and solenoids, and their control circuit.	7-35
	Duplex unit	9	3	Used to check the operation of the duplex unit traverse (paper transport direction) alignment plate and its control circuit.	7-36
			4	Used to check the operation of the duplex unit and the control circuit.	7-37
	Optical	1	1	Used to check the operation of the scanner unit and its control circuit.	7-37
			2	Used to check the operation of the optical unit sensors and detectors, and their related circuit.	7-37
			3	Used to check the operation of the lens unit and its control circuit.	7-38
			4	Used to check the operation of the lens unit and its control circuit. (Aging)	7-38
		5	3	Used to check the operation of the copy lamp and its control circuit.	7-39

Purpose	Section	Main code	Sub code	Content	Ref. page
Operation test	Process	5	4	Used to check the operation of the discharge lamp, the blank lamp, and its control circuit.	7-39
		7	5	Used to check the operation of the image forming section and its control circuit.	7-39
	Developing	10		Used to check the operation of the toner motor and its control circuit.	7-40
		25	1	Used to check the toner concentration sensor operation.	7-40
	Fusing	5	2	Used to check the operation of the heater lamp and its control circuit.	7-40
	RADF	2	1	Used to check the operation of the RADF unit and its control circuit.	7-41
			2	Used to check the operation of the sensors and detectors in the RADF unit and the related circuit.	7-41
			3	Used to check the operation of the loads in the RADF unit and the control circuit.	7-42
	Sorter (SF-S55 only)	3	1	Used to check the operation of the sorter and its control circuit. Effective only for SF-S55.	7-42
	Sorter	3	2	Used to check the operation of the sensors and detectors in the sorter, and the related circuit.	7-43
			3	Used to check the operation of the loads in the sorter and the control circuit.	7-44
	Auditor	28	1	Used to make print test (characters) of commander (EA-13).	7-45
			2	Used to make print test (dots) of commander (EA-13).	7-46
	All units	7	1	Used to check the warm up time and to check all units operations, coping, and aging.	7-46
			2	Used to check the warm up time and to check the all units operations, coping, and aging. Operations during copying can be checked without paper.	7-46
			3	Used to check the operations of the all unit mechanisms. The operations during copying can be checked without paper regardless of fusing temperature.	7-47
			4	Used to check the operations of the all unit mechanisms. The operations during copying can be checked regardless of fusing temperature.	7-47
			6	Used to check the warm up time and all the unit operations and copying operations, and intermittent aging.	7-47
			7	Used to check all the unit operations and copying operations, and intermittent aging. (Without jam detection)	7-47
	Others	6	2	Used to check the operation of each air paper feed section and its control circuit.	7-48
Copy density adjustment	Copy density adjustment	46	1	Used to adjust the copy density and the copy density gradient (exposure gradient) in each copy mode.	7-49
				(Non-toner save mode)	
				Manual mode EXP1	
				Manual mode EXP5	
				Photo mode EXP1	
				Photo mode EXP5	
				Auto mode	
				(Toner save mode)	
				Manual mode EXP1	
				Manual mode EXP5	
				Auto mode	
			47	Used to store the AE sensor and the optical section characteristics for the change in the copy lamp applying voltage.	7-49
(Specifications)					
Setting	Option	26	1	Option setting program	7-50
	Destination		6	Used to make destination settings.	7-50
(Report/machine conditions)					
Check	Process	44	7	Used to check the OPC drum mark sensor and the image density sensor output level.	7-53
			9	Used to check the data on the main charger grid voltage and copy lamp voltage correction.	7-53
	ROM version	22	5	Used to check the ROM version of each unit. (Display)	7-56
Print out	Copy counter (each unit of the copier)	23	1	Used to print the copy count of each counter by using the commander (SF-EA13).	7-57
	Misfeed data	23	2	Used to print the total misfeed number and the misfeed history of the copier and the RADF by using the commander (SF-EA13).	7-57
	Trouble data		3	Used to print the total trouble number (self diag) and the trouble history by using the commander (SF-EA13).	7-58
	Key operator program	23	4	Used to print the key operator code by using the commander (SF-EA13).	7-58
		28	3	Used to print the list of all settings of the key operator program by using the commander (SF-EA13).	7-59
	ROM version	23	5	Used to print the ROM version of each unit by using the commander (SF-EA13).	7-59
	List of all set values	28	4	Used to print the list of all simulations settings and adjustment values by using the commander (SF-EA13).	7-59
(Counter)					
Setting	Maintenance cycle	21	1	Maintenance cycle setting	7-61
	Count mode (Maintenance/total)	26	5	Total counter and maintenance counter count mode setting	7-62

Purpose	Section	Main code	Sub code	Content	Ref. page
Clear	Maintenance counter	20		Maintenance counter reset	7-62
	Misfeed counter	24	1	Each unit misfeed counter and misfeed history clear	7-63
	Trouble counter		2	Trouble counter and trouble history clear	7-63
	Copy counter (Duplex)		3	Duplex unit copy counter clear	7-64
	Copy counter (RADF)		4	RADF unit copy counter clear	7-64
	Copy counter (Stapler)		5	Staple unit counter clear	7-64
	Copy counter (Paper feed unit)		6	Paper feed unit copy counter clear	7-64
	Copy counter (OPC drum)		7	OPC drum correction counter clear	7-65
	Developer counter	42		Developer counter clear	7-66
Check	Copy counter (each unit in the copier)	22	1	Each unit copy count value check (display)	7-66
	Misfeed counter		2	Copier and RADF total misfeed positions and each misfeed numbers check (display)	7-67
	Trouble counter		3	Used to check the total number of troubles (self diag) and the number of each trouble. Used to display the trouble history.	7-67
(Communication)					
Setting	I/F	27	1	Used to set whether self diag (U7-00) is displayed and copying is stopped or not in case of a communication trouble between the host computer and the MODEM.	7-69
			2	Used to set and change the host computer/MODEM No.	7-69
			3	Used to set and change the copier and the host computer/MODEM ID No.	7-70
			4	Used to input the servicing start time and end time for servicing time control.	7-71
			5	Used to input the copier tag No.	7-72
(Others)					
Check	User program	22	4	Used to display the key operator code.	7-73
(Trouble)					
Trouble cancel	Battery (Main control PWB)	13		Used co cancel self diag “U1.”	7-74
	General troubles	14		Used to cancel self diag other than “U1,” “U2,” “PF,” and “F3.”	7-74
	Paper feed tray	15		Used to cancel self diag “F3.”	7-74
	Memory	16		Used to cancel self diag “U3.”	7-74
	Communication	17		Used to cancel self diag “PF” (copying is inhibited by the host computer).	7-74

5. Details of simulations

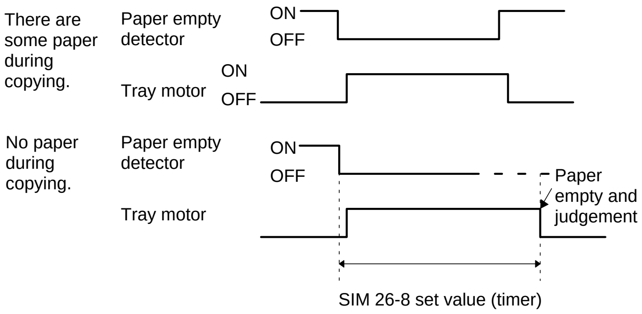
(Operation)

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Paper feed	26				

```
SIMULATION NO.26
INPUT 1~28

   1.OPTION SETUP.
   2.TRAY/SIZE SETUP.
   3.AUDITOR/COIN VENDOR SETUP.
   5.COUNTER MODE SETUP,
   6.DESTINATION SETUP.
   7.DRUM SENSITIVITY SETUP.
   8.TRAY EMPTY DATA SETUP.
  18.TONER SAVE MODE SETUP.
  26.KEY OPERATOR PROGRAM P21 SETUP.
  28.FIXED MAGNIFICATION RATIO SETUP/CHANGE
4. 9~17. 19~25.(NO PROGRAM)
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			8	Purpose/ Function	Used to set the paper empty judgment condition of the copy paper trays (No. 2 ~ 3).	
				Operation/ Procedure	The adjustment is made for two paper trays. Setting screen for each paper tray is selected with the scroll keys. The set value is in the range of 1 ~ 30. Figures are entered with the 10-key pad, and the START button is pressed. The standard set value is 12. The new set value is displayed on the COPIES MADE display, and the currently set value is displayed on the LCD display. (Meaning of set values) When the amount of paper on the paper tray is reduced or emptied as copies are made, the paper empty detector becomes inactive. If there is paper on the tray, the paper tray lifts up to make the paper empty detector active, allowing to make copy. In the case of paper empty and when the empty detector is not active (the paper tray is not at the top limit position), and if the paper empty detector does not become active in the time set by this simulation though the paper tray is lifted up, it is judged as paper empty and the paper empty display is made. Change in the set value by 1 corresponds to 10ms. The adjustment range is 10 ~ 300ms. 26A: No. 1 tray (Invalid) 26B: No. 2 tray 26C: No. 3 tray	

```
SIMULATION NO.26-8
TRAY PAPER EMPTY CONDITION

      26A(1~30):   nn
      26B(1~30):   nn
      26C(1~30):   nn
```

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Paper feed	26	8	Operation/ Procedure	 There are some paper during copying. Paper empty detector ON OFF Tray motor ON OFF No paper during copying. Paper empty detector ON OFF Tray motor Paper empty and judgement SIM 26-8 set value (timer)	

		51		`SIMULATION NO.51`
				`INPUT 1~4`
				
				`1.PSPS TIMING ADJUSTMENT.`
				`2.PAPER RESIST FORCE ADJUSTMENT.`
				`3.PAPER RESIST FORCE ADJUSTMENT.(INPUT)`
				`4.TRC2 OFF TIMING SET.`		

			2	Purpose/ Function	Used to adjust the copy paper contact pressure against the resist roller in each paper feed mode. This adjustment is required when there is a great variation in the image position for the copy paper.	
				Operation/ Procedure	When this simulations executed, the currently set value is displayed on the COPIES MADE display. There are five adjustment items, which can be selected with the scroll key. The display of each mode is made with alphabet (A ~ G) on the COPIES SELECTED display. Enter the adjustment value with the 10-key pad and press the START key to set the entered value. By changing the time from when the transport roller clutch (TRC2) is turned on to when the resist roller (RRC) is turned on, the copy paper contact pressure against the resist roller is adjusted. The greater the time is, the greater the contact pressure is. The contact pressure is made greater when there is a great variation in the image position for the copy paper. If, however, the contact pressure is too great, a misfeed may occur. The set value must be varied depending on the copy paper quality. 51A: Adjustment value of time from when the transport roller clutch (TRC2) is turned on to when the resist roller (RRC) is turned on (manual paper feed mode) 51B: Adjustment value of time from when the transport roller clutch (TRC2) is turned on to when the resist roller (RRC) is turned on (Paper feed tray 1 paper feed mode) 51C: Adjustment value of time from when the transport roller clutch (TRC2) is turned on to when the resist roller (RRC) is turned on (Paper feed tray 2 paper feed mode) 51D: Adjustment value of time from when the transport roller clutch (TRC2) is turned on to when the resist roller (RRC) is turned on (Paper feed tray 3 paper feed mode) 51E: Adjustment value of time from when the transport roller clutch (TRC2) is turned on to when the resist roller (RRC) is turned on (Cassette paper feed mode) 51G: Adjustment value of time from when the transport roller clutch (TRC2) is turned on to when the resist roller (RRC) is turned on (Duplex tray paper feed mode)	

<table>
<tr><th>Purpose</th><th>Section</th><th>Main code</th><th>Sub code</th><th colspan="2">Description</th><th>Ref. page</th></tr>
<tr><td>Adjustment</td><td>Paper feed</td><td>51</td><td>2</td><td>Operation/ Procedure</td><td>The set value is in the range of 0 ~ 50. Change in the set value by 1 corresponds to about 1mm change in timing.
This simulation is bi-directionally linked with SIM 51-3. If this setting is changed, the set value of SIM 51-3 is also changed accordingly.
<table>
<tr><th rowspan="2"></th><th rowspan="2">Item</th><th rowspan="2">Default</th><th colspan="2">Adjustment range</th></tr>
<tr><th>min.</th><th>max.</th></tr>
<tr><td>51A</td><td>Manual paper feed tray</td><td>26</td><td>0</td><td>50</td></tr>
<tr><td>51B</td><td>Tray 1</td><td>30</td><td>0</td><td>50</td></tr>
<tr><td>51C</td><td>Tray 2</td><td>30</td><td>0</td><td>50</td></tr>
<tr><td>51D</td><td>Tray 3</td><td>30</td><td>0</td><td>50</td></tr>
<tr><td>51E</td><td>Cassette</td><td>30</td><td>0</td><td>50</td></tr>
<tr><td>51F</td><td>(Reserved)</td><td>30</td><td>0</td><td>50</td></tr>
<tr><td>51G</td><td>Duplex unit</td><td>30</td><td>0</td><td>50</td></tr>
</table></td><td></td></tr>
<tr><td></td><td></td><td></td><td>3</td><td>Purpose/ Function</td><td>Used to adjust the paper contact pressure against the resist roller of the copier. This simulation is same as SIM 51-2, but without copying.</td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td>Operation/ Procedure</td><td>Same as SIM 51-2, but without copying.
This simulation is bi-directionally linked with SIM 51-2. If this setting is changed, the set value of SIM 51-2 is also changed accordingly.
The set item is selected with the scroll key.
<pre>
SIMULATION NO.51-3
RRC PAPER BUCKLE ADJUSTMENT.

     >51A (1~50):   nn[MFT]
      51B (1~50):   nn[TRAY1]
      51C (1~50):   nn[TRAY2]
      51D (1~50):   nn[TRAY3]
      51E (1~50):   nn[CASS]
      51F (1~50):   nn[RESERVED]
      51G (1~50):   nn[ADU]
</pre></td><td></td></tr>
<tr><td></td><td></td><td></td><td>4</td><td>Purpose/ Function</td><td>Used to adjust time when PPD3 detects the paper lead edge to when the transport roller clutch (TRC2/TRC1) turns off.</td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td>Operation/ Procedure</td><td>
<pre>
SIMULATION NO.51-4
TR2C OFF TIMING SET.
(1~50)
</pre>
When this simulation is executed, the currently set value is displayed on the COPIES MADE display.
Enter the adjustment value with the 10-key pad and press the START button to store the value.
The standard set value is 25. If the set value is too small, the copy paper is not taken up by the resist roller properly, resulting in variations in the image position on the copy paper. If too great, on the contrary, the copy paper is excessively taken up by the resist roller, resulting in a misfeed.
The adjustment range is 1 ~ 50. Change in the set value by 1 corresponds to about 1msec of timing.</td><td></td></tr>
</table>

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Paper feed	40				

```
SIMULATION NO.40
INPUT 1~3

   1.M.P.F TRAY'S PAPER WIDTH SIZE
     DETECTION CHECK.
   2.M.P.F TRAY'S PAPER WIDTH SIZE
     DETECTION ADJUSTMENT.
   3.SIDE CASSETTE PAPER SIZE
     DETECTION CHECK
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			2	Purpose/ Function	Used to adjust the detection level of the manual paper feed tray paper width detector.	
				Operation/ Procedure	When this simulation is executed, the following message is displayed on the LCD display. Slide the manual paper feed tray paper width guide to the maximum width position and press the START button to set the maximum width position detection level.	

```
SIMULATION NO.40-2
M.P.F. TRAY PAPER WIDTH SIZE
DETECTION ADJUSTMENT.

SET THE PAPER GUIDES OF BYPASS-TRAY
TO THE MAXIMUM WIDTH,AND PRESS THE
START KEY.
```

```
SIMULATION NO.40-2
M.P.F TRAY PAPER WIDTH SIZE
DETECTION ADJUSTMENT.

SET THE PAPER GUIDES
TO THE MINIMUM WIDTH POSITION,AND PRESS THE
START KEY.
```

Slide the manual paper feed tray paper width guide to the minimum width position and press the START button to set the minimum width position detection level.

```
SIMULATION NO.40-2
M.P.F TRAY' PAPER WIDTH SIZE
DETECTION ADJUSTMENT.

PAPER SIZE DETECTION ADJUSTMENT HAS
BEEN COMPLETED.
```

In case of an abnormality, the following message is displayed.

The maximum width detection level and the minimum detection level are displayed.

```
SIMULATION NO.40-2
M.P.F TRAY' PAPER WIDTH SIZE
DETECTION ADJUSTMENT.

DETECTION FAILURE.

   MIN:nnn      MAX.:nnn
```

If the difference between the maximum and the minimum levels is within than 110 ~ 170, an error display is made.

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Paper feed	51	1	Purpose/ Function	Used to adjust the OPC drum separation pawl ON timing.	

				Operation/ Procedure	Used to set the time from when RRC is turned on to transport the copy paper to the transfer section to when the separation pawl is turned on.
					The adjustment range is 0 ~ 20. Change in the set value by 1 corresponds to about 10msec of timing.
					`SIMULATION NO.51-1`
					`INPUT ON PSPS TIMING`
					`(0~20)`	

	Duplex	52		`SIMULATION NO.52`
				`INPUT 1~2`
				`   1.DUPLEX WIDTH GUIDE ADJUSTMENT.`
				`   2.DUPLEX BACH STOP GUIDE ADJUSTMENT.`		

			1	Purpose/ Function	Used to adjust the stop position of the duplex unit paper tray width direction alignment plate by changing the home position of the width direction alignment plate by the software.	

				Operation/ Procedure	When this simulation is executed, the currently set value is displayed on the COPIES MADE display.
					Enter the adjustment value with the 10-key pad and press the START button to set the value. The alignment plate is stopped at the adjusted position.
					The adjustment range is 1 ~ 99. The standard set value is 50. The greater the set value is, the greater the alignment plate width is.
					`SIMULATION NO.52-1`
					`DUPLEX WIDTH GUIDE ADJUSTMENT.`
					`INPUT DATA.(1~99)`
					Change in the set value by 1 corresponds to about 0.57msec of timing.
					Set letter paper for the inch series, or A4 paper for the metric series to check that the clearance between the paper and the alignment plate is 0.5 ~ 1.0mm.	

			2	Purpose/ Function	Used to adjust the stop position of the paper transport direction alignment plate in the duplex unit paper tray. The home position of the width direction alignment plate is changed by the software to adjust.	

				Operation/ Procedure	When this simulation is executed, the currently set value is displayed on the copy quantity display.
					Enter the adjustment value with the 10-key pad and press the PRINT button, and the entered value will be stored and the alignment plate will be stopped at the adjusted position.
					`SIMULATION NO.52-2`
					`DUPLEX BACH STOP GUIDE ADJUSTMENT.`
					`INPUT DATA.(1~99)`
					The adjustment range is 1 ~ 99. The standard set value is "50." When the set value is changed by 1, the timing is changed by 0.57mm.
					Set letter paper for the inch series, or A4 paper for the metric series, and check that the clearance between the paper and the alignment plate is 0.5 ~ 1.0mm.	

Purpose	Section	Main code	Sub code	Description	Ref. page
Adjustment	Optical	48			

```
SIMULATION NO.48
1.COPY FOCUS/MAGNIFICATION ADJUSTMENT
2.(NO PROGRAM)
3.COPY FOCUS/MAGNIFICATION
  RATIO ADJUSTMENT VALUE INPUT
```

Sub code 1

Purpose/Function

Used to adjust the copy magnification ratio and the focus.
The lens home position, the lens shift rate, No. 4/5 mirror base home position, and No. 4/5 mirror base shift rate are changed to adjust.

Operation/Procedure

[Magnification ration adjustment (front/rear direction)]

```
SIMULATION NO.48-1
MAGNIFICATION ADJUSTMENT(FRONT-REAR).
INPUT A(1~99)
    [COPY H.MAGNIFICATION ADJUSTMENT (SCAN).:
                   PRESS THE [INTERRUPT] KEY]➡
```

When this simulation is executed, the currently set value is displayed on the COPIES MADE display.

There are six adjustment modes in total, and selection is made with the scroll key.

The display of each mode is made with alphabet (48A ~ 48F) on the COPIES SELECTED display.

Enter the adjustment value with the 10-key pad and press the START key to set the entered value and make a copy.

48A: Normal copy magnification ratio adjustment value (lens home position)

48B: Reduction copy magnification ratio adjustment value (reduction copy lens shift rate)

48C: Enlargement copy magnification ratio adjustment value (enlargement copy lens shift rate)

48D: Normal copy focus adjustment value (No. 4/5 mirror home position)

48E: Reduction copy focus adjustment value (reduction copy No. 4/5 mirror shift rate)

48F: Enlargement copy focus adjustment value (enlargement copy No. 4/5 mirror shift rate)

n		Item	Adjustment range		
			min.	max.	Default
48	A	Copy magnification ratio adjustment value (normal)	1	99	50
48	B	Copy magnification ratio adjustment value (reduction)	1	51	26
48	C	Copy magnification ratio adjustment value (enlargement)	1	31	16
48	D	Focus adjustment (normal)	1	119	60
48	E	Focus adjustment (reduction)	1	51	26
48	F	Focus adjustment (enlargement)	1	51	26

(Note) 1. The value in { } is the input range of the adjustment value.

This simulation is bi-directionally linked with SIM 48-3. If the set value of this simulation is changed, the set value of SIM 48-3 is also changed accordingly.

Purpose/Function

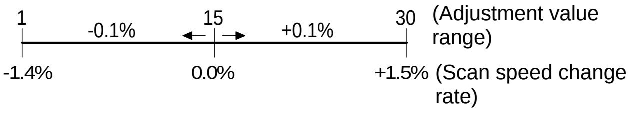
Used to adjust the horizontal (paper transport direction) copy magnification ratio.

The mirror scan speed (mirror motor rpm) is changed to adjust.

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Optical	48	1	Operation/ Procedure	When the interruption key is pressed, the interruption display turns on and the currently set value is displayed on the COPIES MADE display. Enter the adjustment value with the 10-key pad and press the START button to make a copy and set the input value. (Pressing P key will also do.) When the set value is changed by 1, the copy magnification ration is changed by about 0.1%. The adjustment range is 1 ~ 30, and the change range of –1.4% ~ +1.5% 48G: Paper transport direction copy magnification ratio adjustment value (Scanner motor rotation speed)	

```
SIMULATION NO.48−1
COPY V.MAGNIFICATION ADJUSTMENT(SCAN).
INPUT 1~30
COPY V.MAGNIFICATION ADJUSTMENT:(FRONT−REAR).
                        PRESS [INTERRUPT] KEY]
```

Default: 15



This simulation is bi-directionally linked with SIM 48-3. If the set value of this simulation is changed, the set value of SIM 48-3 is also changed accordingly.

			3	Purpose/ Function	Used to adjust the copy magnification ratio and the focus. Same as SIM 48-1, but without copying.	
				Operation/ Procedure	When this simulation is executed, the currently set value is displayed on the COPIES MADE display. The adjustment item is selected with the scroll key. Change the adjustment value of the selected item with the 10-key pad and press the START button to set the value.	

```
SIMULATION NO.48−3
  > 48A (1~99):       nn [100%]
  > 48B (1~51):       nn [ 50%]
  > 48C (1~31):       nn [200%]
  > 48D (1~199):     nnn [100%]
  > 48E (1~51):       nn [ 50%]
  > 48F (1~51):       nn [200%]
  > 48G (1~30):       nn [200%]
```

(The selected adjustment value is highlighted.)

The adjustment range of each adjustment value and the default value is shown in the table below.

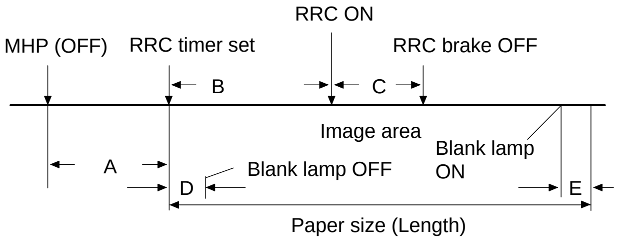
n		Item	Adjustment range		
			min.	max.	Default
48	A	Copy magnification ratio adjustment value (normal)	1	99	50
48	B	Copy magnification ratio adjustment value (reduction)	1	51	26
48	C	Copy magnification ratio adjustment value (enlargement)	1	31	16
48	D	Focus adjustment (normal)	1	119	60
48	E	Focus adjustment (reduction)	1	51	26
48	F	Focus adjustment (enlargement)	1	51	26
48	G	Copy magnification ratio adjustment value (paper transport direction)	1 (–1.4%)	30 (+1.5%)	15 (±0%)

This simulation is bi-directionally linked with SIM 48-1. If the set value of this simulation is changed, the set value of SIM 48-1 is also changed accordingly.

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Optical	50				

```
SIMULATION NO.50
INPUT 1~4

1.LEAD EDGE/VOID IMAGE LOSS ADJUSTMENT.
2.LEAD EDGE/VOID IMAGE LOSS ADJUSTMENT.(EASY)
3.EDGE VOID/IMAGE LOSS ADJUSTMENT.
  (ADJUSTMENT VALUE INPUT)
4.VOID ADJUSTMENT.
```

Sub code		Description
1	Purpose/ Function	Used to adjust the copy image position and the void area (image loss) on the copy paper.
	Operation/ Procedure	The five set values A, B, C, D, and E are changed to adjust. When this simulation is executed, the currently set value is displayed on the COPIES MADE display. There are five adjustment items in total, one of which is selected by the scroll key. The display of each mode is made with alphabet (A ~ E) on the COPIES SELECTED display. Enter the adjustment value with the 10-key pad and press the START key to set the entered value and make a copy.



Item		Default	Adjustment range		
			min.	max.	
50A	Distance data between MHP OFF to the image lead edge.	50	0	99	0.02 mm
50B	Time data between the image lead edge to PRC ON.	50	0	99	0.5 ms
50C	Time data between PRC ON to PSBRK OFF.	10	1	20	1 ms
50D	Lead edge void amount data	10	0	20	0.5 ms
50E	Rear edge void amount data	10	0	20	0.5 ms

50A: Used to fit the document image lead edge and the OPC drum image lead edge.
The timing when the scanner unit starts scanning and the mirror home position sensor (MHPS) turns off is used as the reference, and the timing when the scanner unit reaches the image lead edge must be coincide with the timing of the virtual image lead edge position on the OPC drum. The scanner unit shift distance (timing) is calculated by counting the mirror motor rotary encoder pulses.
The document lead edge reference position is the edge of the document glass. The reference position can be varied with this simulation. If this simulation is not adjusted properly, the lead edge image position varies in some copy magnification ratios.
The adjustment range is 0 ~ 99. When the set value is changed by 1, the lead edge reference position is shifted by about 0.22mm.

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Optical	50	1	Operation/ Procedure	50B: Used to adjust the OPC drum image position and the copy paper position. Used to adjust the time from when the image lead edge position on the OPC drum is exposed to when RRC turns on. The RRC ON timing (copy paper transport timing from the resist roller) is fitted to the image position on the OPC drum which is rotating for exposure. The adjustment range is 0 ~ 99. When the set value is changed by 1, the timing is changed by about 0.5ms. (Note) In actual, the OPC drum image position and the copy paper position are determined by the combination of this set value and the set value of SIM 50-01 50C. Adjust SIM 50-01 50C in advance of this adjustment. 50C: Used to adjust the brake time of the resist roller. The time interval from when RRC turns on to when PSBRK turns off is changed to make this adjustment. By changing this set value, the OPC drum image position and the copy paper positions are changed. In advance to SIM 50-01 50B setting, be sure to make this adjustment. The standard set value is 10. The adjustment range is 0 ~ 20. When the set value is changed by 1, the timing is changed by about 1ms. 50D: Used to adjust the lead edge void area on the copy paper. By using the timing when the mirror unit starts scanning and the mirror home position sensor (MHPS) turns off (timing determined by 50A, that is, the image lead edge reference position) as the reference, the timing of blank lamp OFF is changed to make this adjustment. When the set value is changed by 1, the void area is changed by about 0.5mm. 50E: Used to set the back surface copy rear edge void area amount in the copy surface. The timing of the blank lamp ON for the virtual paper rear edge position is changed to make this adjustment. When the set value is changed by 1, the void area is changed by about 0.5mm. This simulation is bi-directionally linked with SIM 50-2 and SIM 50-3. If the set value of this simulation is changed, the set values of SIM 50-2 and SIM 50-3 are also changed accordingly.	
			2	Purpose/ Function	Used to adjust the copy image position and the void area (image loss). (Simple adjustment) Same as SIM 50-1, but this simulation is just simple. When the set value of SIM 50-1 cannot be supposed, use this simple method, then execute SIM 50-1 to make more precise adjustment.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Optical	50	2	Operation/ Procedure	The adjustment is made by changing the five set values A, B, C, D, and E. When this simulation is executed, the currently set value is displayed on the COPIES MADE display. There are five adjustment items, one of which is selected by the scroll key. The display of each mode is made with alphabet (A ~ E) on the COPIES SELECTED display. Enter the adjustment value with the 10-key pad and press the START key to set the entered value and make a copy. (Setting procedure) 1) Set the values of 50A and 50B to 0. 2) Make a 200% copy and a 100% copy. 3) Measure the distance between the 200% copy paper lead edge and the image lead edge, and set the measured value as the set value to 50A. (Example) If the measured value is 35.5mm, the set value is 355. 4) Measure the distance between the 100% copy paper lead edge and the image lead edge, and set the measured value as the set value to 50B. By the above procedures, SIM 50-1 50A and 50B are automatically calculated and set. 50C, 50D, and 50E are the same as 50C, 50D, and 50E. This simulation is bi-directionally linked with SIM 50-1 and SIM 50-3. If the set value of this simulation is changed, the set values of SIM 50-1 and SIM 50-3 are also changed accordingly.	
			3	Purpose/ Function	Used to input the adjustment value of the copy image position and the void area (image loss). Same as SIM 50-1, but without copying.	
				Operation/ Procedure	Same as SIM 50-1, but without copying. This simulation is bi-directionally linked with SIM 50-1 and SIM 50-2. If the set value of this simulation is changed, the set value of SIM 50-1 and SIM50-2 are also changed accordingly. The adjustment content is selected with the scroll key.	

```
 SIMULATION NO.50-3
IMAGE LOSS/VOID ADJUSTMENT.

     >50A  (0~99):   nn
      50B  (0~99):   nn
      50C  (1~20):   nn
      50D  (0~20):   nn
      50E  (0~20):   nn
```

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Optical	50	4	Purpose/ Function	Used to enter the adjustment value of the void area on the copy paper. Same as SIM 50-1, 50D and 50E, but without copying.	
				Operation/ Procedure	Same as SIM 50-1, 50D and 50E, but without copying. This simulation is bi-directionally linked with SIM 50-1 50D and SIM 50-2 50D. If the set value of this simulation is changed, the set value of SIM 50-1 50D and 50E and SIM 50-2 50D and 50E are also changed accordingly. The adjustment content is selected with the scroll key.	

```
SIMULATION NO.50-4
VOID ADJUSTMENT.

     >50D  (0~20):  nn
      50E  (0~20):  nn
```

Purpose	Section	Main code	Sub code	Description		Ref. page
	Process	8	2	Purpose/ Function	Used to adjust the main charger grid voltage in each copy mode and to check its control circuit operation.	

```
SIMULATION NO.8
INPUT 1~7
  1.DEVELOPING BIAS VOLTAGE TEST.
  2.MAIN CHARGER VOLTAGE TEST.
  3.(NO PROGRAM)
  4.(NO PROGRAM)
  5.PRE-TRANSFER CHARGER VOLTAGE TEST.
  6.TRANSFER CHARGER VOLTAGE TEST.
  7.SEPARATION CHARGER VOLTAGE TEST.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
				Operation/ Procedure	When this simulation is executed, the currently set value is displayed on the COPIES MADE display. The copy mode is selected with the scroll key. Enter the adjustment value and press the START key to set the value and output the main charger voltage of the selected copy mode for 30 sec. The adjustment range is 200 ~ 999. If the value outside the range is set, the output voltage is not changed. The adjustment of –200V to –999V is possible. When the set value is changed by 1, the output voltage is changed by about 1.0V.	

```
 SIMULATION NO.8-2
MAIN HIGH VOLTAGE UNIT TEST.
     >08A  (200~999) : nnn [NORMAL]
      08B  (200~999) : nnn [PHOTO]
      08C  (200~999) : nnn [TONER SAVE]
```

nn: Set value (The selected set value is highlighted.)

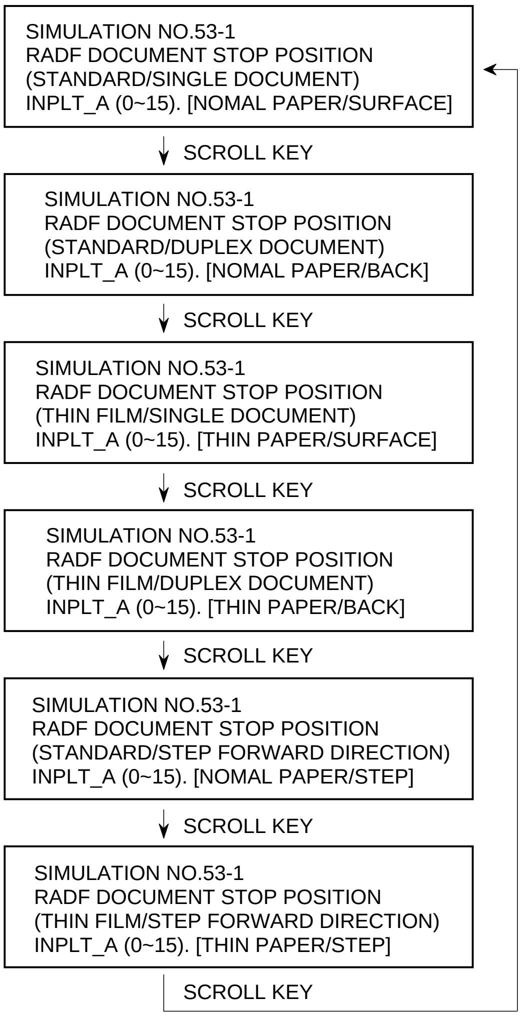
CODE	Exposure mode	Default
08A	AE/MANUAL	750
08B	PHOTO	490
08C	TONER SAVE	645

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Process	8	5	Purpose/ Function	Used to check and adjust the pre-transfer discharge charger current and its control circuit.	
				Operation/ Procedure	The pre-transfer discharge charger voltage is outputted for 30 sec. Turn the high voltage unit PWB PTC adjustment voltage to adjust. Adjustment voltage = 15 ±3µA SIMULATION NO.8–5 PRE–TRANSFER HIGH VOLTAGE UNIT TEST.	
			6	Purpose/ Function	Used to check and adjust the transfer charger current and its control circuit. SIMULATION NO.8–6 TRANSFER HIGH VOLTAGE UNIT TEST.	
				Operation/ Procedure	When this simulation is executed, the currently set value is displayed on the COPIES MADE display and the transfer charger is outputted for 30 sec. The adjustment range is 11 ~ 56. If a value outside the range is set, the output voltage is not changed. When the set value is changed by 1, the output current is changed by about 1.35µA. Adjustment current = –55 ±5µA	
			7	Purpose/ Function	Used to check and adjust the separation charger voltage and its control circuit.	
				Operation/ Procedure	When this simulation is executed, the currently set value is displayed on the COPIES MADE display and the transfer charger is outputted for 30 sec. The adjustment range is 18 ~ 56. If a value outside the range is set, the output current is not changed. When the set value is changed by 1, the output voltage is changed by about 16V. Adjustment voltage = 440 ±30V SIMULATION NO.8–7 SEPARATION HIGH VOLTAGE UNIT TEST.	
		44			SIMULATION NO.44 INPUT 1~9 1.DISABLE/ENABLE PROCESS–CONTROL SETUP. 2.DMS LEVEL ADJ 3.IDS LEVEL ADJ 4.PROCESS CONTROL REFERENCE LEVEL ENTRY. 5.(NO PROGRAM) 6.(NO PROGRAM) 7.PROCESS ID/MARK SENSOR LED LIGHT QUANTITY CHECK. 8.(NO PROGRAM) 9.PROCESS CONTROL DATA DISPLAY.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Process	44	2	Purpose/ Function	Used to adjust the sensitivity of the OPC drum mark sensor.	
				Operation/ Procedure	When this simulation is executed, the OPC drum rotates and the output level of the sensor is displayed on the COPIES MADE display. Turn VR3 and VR4 in the process control PWB to adjust so that the sensor level is 123 ~ 233.	
			3	Purpose/ Function	Used to adjust the sensitivity of the image density sensor.	
				Operation/ Procedure	When this simulation is executed, the OPC drum rotates and the output level of the sensor is displayed on the COPIES MADE display. Turn VR1 and VR2 in the process control PWB to adjust so that the sensor level is 668 ~ 998.	
	Developing	8		SIMULATION NO.8 INPUT 1~7 1.DEVELOPING BIAS VOLTAGE TEST. 2.MAIN CHARGER VOLTAGE TEST. 3.(NO PROGRAM) 4.(NO PROGRAM) 5.PRE-TRANSFER CHARGER VOLTAGE TEST. 6.TRANSFER CHARGER VOLTAGE TEST. 7.SEPARATION CHARGER VOLTAGE TEST.		
			1	Purpose/ Function	Used to check and adjust the developing bias voltage and its control circuit.	
				Operation/ Procedure	When this simulation is executed, the currently set value is displayed on the COPIES MADE display and the developing bias voltage is outputted for 30 sec. Turn and adjust the developing bias adjustment VR on the high voltage unit PWB. Adjustment voltage = 200 ±5V SIMULATION NO.801 DEVELOPING BIAS VOLTAGE TEST.	
	Process	25	2	Purpose/ Function	Used to make initial setting of the toner concentration when replacing developer.	
				Operation/ Procedure	(Toner concentration automatic adjustment) SIMULATION NO.25 INPUT 1~2 1.TONER CONCENTRATION MONITOR. 2.AUTOMATIC DV CONCENTRATION ADJUSTMENT. The main motor is rotated and the developing unit is stirred. After 3 minutes from starting stirring, toner concentration is sampled 16 times in 8 sec, and the average density is stored in the RAM as the toner concentration reference value. This value is used as the threshold value for toner concentration control.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	RADF	53		SIMULATION NO.53 1.RADF DOCUMENT STOP POSITION ADJ 2.RDF DOCUMENT STOP POSITION ADJ(WITHOUT COPY) 2.RADF SENSOR ADJUSTMENT.		
			1	Purpose/ Function	Used to adjust the document stop position in each RADF operation mode.	
				Operation/ Procedure	When this simulation is executed, the currently set value is displayed on the COPIES MADE display. Each operation mode is selected with the scroll key. Enter the adjustment value with the 10-key pad and press the START button to set the value. To check that if the adjustment value is proper or not, the RADF can be used to make a copy. The adjustment range is 0 ~ 15. The reference level is 8. When the set value is made smaller, the document stop position is shifted to the right. When the set value is made greater, the document stop position is shifted to the left. When the set value is changed, the RADF transport belt paper transport distance in each operation mode is changed.	

Purpose	Section	Main code	Sub code	Description	Ref. page
Adjustment	RADF	53	1	Operation/ Procedure	



SIMULATION NO.53-1
RADF DOCUMENT STOP POSITION
(STANDARD/SINGLE DOCUMENT)
INPLT_A (0~15). [NOMAL PAPER/SURFACE]

SCROLL KEY

SIMULATION NO.53-1
RADF DOCUMENT STOP POSITION
(STANDARD/DUPLEX DOCUMENT)
INPLT_A (0~15). [NOMAL PAPER/BACK]

SCROLL KEY

SIMULATION NO.53-1
RADF DOCUMENT STOP POSITION
(THIN FILM/SINGLE DOCUMENT)
INPLT_A (0~15). [THIN PAPER/SURFACE]

SCROLL KEY

SIMULATION NO.53-1
RADF DOCUMENT STOP POSITION
(THIN FILM/DUPLEX DOCUMENT)
INPLT_A (0~15). [THIN PAPER/BACK]

SCROLL KEY

SIMULATION NO.53-1
RADF DOCUMENT STOP POSITION
(STANDARD/STEP FORWARD DIRECTION)
INPLT_A (0~15). [NOMAL PAPER/STEP]

SCROLL KEY

SIMULATION NO.53-1
RADF DOCUMENT STOP POSITION
(THIN FILM/STEP FORWARD DIRECTION)
INPLT_A (0~15). [THIN PAPER/STEP]

SCROLL KEY

Adjustment value	Adjustment quantity
0	–6.432 mm
1	–5.628 mm
2	–4.824 mm
3	–4.020 mm
4	–3.216 mm
5	–2.412 mm
6	–1.608 mm
7	–0.804 mm
8	0.0 (standard)
9	+0.804 mm
10	+2.412 mm
12	+3.216 mm
13	+4.020 mm
14	+4.824 mm
15	+5.628 mm

Paper feed side
(Not-reached direction)

↕

Paper exit side
(Overrun direction)

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	RADF	5	2	Purpose/ Function	Used to adjust the document stop position in each RADF operation mode. Same as SIM 53-1, but without copying.	
				Operation/ Procedure	When this simulation is executed, the currently set value is displayed on the COPIES MADE display. The adjustment item is selected with the scroll key. The adjustment value of the selected item can be changed with the 10-key pad. Press the START button to set the entered value.	

```
SIMULATION No. 53-2
RADF DOCUMENT STOP POSITION ADJUSTMENT
```

	Normal paper	Thin paper	Surface	Back	Step
A	*		*		
B	*			*	
C		*	*		
D		*		*	
E	*				*
F		*			*

Purpose	Section	Main code	Sub code	Description		Ref. page
					This simulation is bi-directionally linked with SIM 53-1. If the set value of this simulation is changed, the set value of SIM 53-1 is changed accordingly.	
			3	Purpose/ Function	Used to adjust the sensitivity (threshold level) of the photo sensor in the RADF.	
				Operation/ Procedure	When this simulation is executed, the list of the sensors is displayed on the LCD display. Each sensor can be selected with the scroll key. Select one of the sensors and press the START button, and the sensor sensitivity (threshold level) will be automatically adjusted. The level is displayed on the COPIES MADE display.	

```
SIMULATION NO.53-3
RADF SENSOR ADJUSTMENT.

  53A:RESIST SENSOR
  53B:TIMING SENSOR
  53C:DISCHARGE/REVERSE
  53D:WIDTH SENSOR
```

Purpose	Section	Main code	Sub code	Description		Ref. page
	Document size sensor	41				

```
SIMULATION NO.41
INPUT 1~3

  1.DPCUMENT SIZE SENSOR CHECK.
  2.DOCUMENT SIZE SENSOR ADJ.
  3.DOCUMENT SIZE SENSOR DISPLAY OUTPUT LEVEL.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			2	Purpose/ Function	Used to adjust the document size sensor detection level.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Document size sensor	41	2	Operation/ Procedure	When this simulation is executed, the following message is displayed on the LCD display. Press the START button with the document cover open, the detection level without paper is set. (Do not put anything on the document table at that time.) SIMULATION NO.41-2 DOCUMENT SIZE SENSOR ADJ. OPEN THE DOCUMENT COVER AND PRESS THE START BUTTON (DO NOT SET THE PAPER ON THE D.TALE) SIMULATION NO.41-2 DOCUMENT SIZE SENSOR ADJ. SET AN A3-SIZE (11"×17") PAPER ON THE D.TABLE AND PRESS THE START BUTTON (DOCUMENT COVER IS OPEN CONDITION) Set A3 (11 × 17") paper on the document table and press the START button to set the detection level with paper. (Do not close the cover at that time.) The document detection threshold level is automatically determined. SIMULATION NO.41-2 DOCUMENT SIZE SENSOR ADJ. DOCUMENT SIZE SENSOR ADJUSTMENT HAS BEEN COMPLETED. When the adjustment is completed normally, the following message is displayed. If there is any abnormality, the following message is displayed. The abnormal sensor name is displayed. SIMULATION NO.41-2 DOCUMENT SIZE SENSOR ADJ. SENSOR FAILURE. ---,PD2,---,---,---,---,--- Error condition: When the output level difference between with paper and without paper is 1,2V or less.	
	Fusing unit	43			SIMULATION NO.43 INPUT 1~3 1.FUSER TEMPERATURE SET UP. 2.(NO PROGRAM) 3.FUSER MOTOR ROTATION SPEED ADJUSTMENT.	
			3	Purpose/ Function	Used to adjust the fusing roller rotating speed.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Adjustment	Fusing unit	43	3	Operation/ Procedure	When this simulation is executed, the currently set value is displayed on the COPIES MADE display. Enter the adjustment value with the 10-key pad and press the START button to set the entered value. The level is adjusted in 21 steps in total. The greater the set value is, the greater the speed is. The default value is 2. SIMULATION NO.43–3 INPUT 1~21	
Setting	Paper feed	26		SIMULATION NO.26 INPUT 1~26 1.OPTION SETUP. 2.TRAY/SIZE SETUP. 3.AUDITOR/COIN VENDOR SETUP. 5.COUNTER MODE SETUP, 6.DESTINATION SETUP. 7.DRUM SENSITIVITY SETUP. 8.TRAY EMPTY DATA SETUP. 18.TONER SAVE MODE SETUP. 26.KEY OPERATOR PROGRAM P21 SETUP. 28.FIXED MAGNIFICATION RATIO SETUP/CHANGE 4. 9~17. 19~25.(NO PROGRAM)		
			2	Purpose/ Function	Used to set the paper tray 1 paper size setting. When the paper tray 1 paper size is changed, the paper size of software must be also changed.	
				Operation/ Procedure	Select the code number corresponding to the paper size with the 10-key pad, and press the START button. For the inch series, there are five paper sizes. Selection is made with the scroll key and the 10-key pad. (AB series) SIMULATION NO.26–2 [TRAY1 SIZE SETUP]INPUT(1~3) 1.8.5"×11" 2.A4 3.B5	

Purpose	Section	Main code	Sub code	Description		Ref. page
Setting	Paper feed	26	2	Operation/ Procedure	(Inch series)	

```
 SIMULATION NO.26-2
[TRAY1 SIZE SETUP]   INPUT(1~3)
1.8.5"×11"   2.A4   3.B5

[LEGAL SIZE SETUP]   INPUT(1~2)
1.8.5"×14"   2.8.5"×13"

[LEGAL SIZE SETUP] PRESS[→]KEY.
```

↑ SCROL KEY ↓

```
 SIMULATION NO.26-2
[TRAY1 SIZE SETUP]   INPUT(1~3)
1.8.5"×11"   2.A4   3.B5

[LEGAL SIZE SETUP]   INPUT(1~2)
1.8.5"×14"   2.8.5"×13"

[TRAY SIZE SETUP] PRESS[→]KEY.
```

(Note) When the paper tray 1 paper size does not coincide with the software paper size, the automatic magnification ratio copying and the automatic paper select function will not function properly.

Purpose	Section	Main code	Sub code	Description		Ref. page
	Process		7	Purpose/ Function	Used to set the sensitivity of the OPC drum. When the OPC drum is replaced, be sure to set the sensitivity with this simulation.	
				Operation/ Procedure	Enter the code number corresponding to the sensitivity to be set, and press the START button, and the code is displayed on the COPIES MADE display and the sensitivity is set.	

```
SIMULATION NO.26-7

DRUM SENSITIVITY SETUP.
INPUT 1~3.
```

Set value	Content
1	Copy lamp correction voltage +1 [V]
2	Copy lamp correction voltage 0 [V]
3	Copy lamp correction voltage –1 [V]

(Note) When the adjustment value is 0, the control is performed in the same way as when the adjustment value is the default (2).

The sensitivity level is indicated on the label attached to the inside of the OPC drum.

The top digit of the number shows the sensitivity level. Set this value. The sensitivity level "1" is the lowest sensitivity, and the sensitivity level "3" is the highest.

For the sensitivity level "1," set the sensitivity level to "1." Then the copy lamp voltage becomes 1V (2V) higher than the standard level in all the copy modes. This makes correction for lower sensitivity. For the higher sensitivity, things are reversed.

(2V: 200V series)

Purpose	Section	Main code	Sub code	Description		Ref. page
Setting	Process	44				

```
SIMULATION NO.44
INPUT 1~9

  1.DISABLE/ENABLE PROCESS-CONTROL
    SETUP.
  2.DMS LEVEL ADJ.
  3.IDS LEVEL ADJ.
  4.PROCESS CONTROL REFERENCE LEVEL ENTRY.
  5.(NO PROGRAM)
  6.(NO PROGRAM)
  7.DMS/IDS SENSOR LEVEL CHECK.
  8.(NO PROGRAM)
  9.PROCESS CONTROL DATA DISPLAY.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			1	Purpose/ Function	Used to set the main charger grid voltage correction, the optical unit correction, the OPC drum and toner concentration correction, and auto copy density adjustment.	
				Operation/ Procedure	When this simulation is executed, the currently set value is displayed on the COPIES MADE display. Enter the code corresponding to each correction mode with the 10-key pad and press the START button. Enter the total of function codes to be operated. (To operate all the functions, enter 127.)	

Display	Content	Set value (weight)	Inhibit
A	Main charger grid (OPC drum charging) voltage correction	1	Inhibited
B	Optical section dirt correction	2	0
C	OPC drum sensitivity (membrane decrease) correction	4	0
D	Auto copy density adjustment	8	0
E	Toner concentration correction A	16	0
F	Toner concentration correction B	32	0
G	Toner concentration correction C (Immediately after starting copying)	64	0
	All functions are operated.	127	0

(Note) To operate the copy density adjustment by SIM 46-1, inhibit item D (set to 0).

Purpose	Section	Main code	Sub code	Description		Ref. page
			4	Purpose/ Function	Used to set the image density level in the main charger grid voltage correction.	
				Operation/ Procedure	The reference density level is displayed on the COPIES MADE display. The photo copy mode main charger grid voltage is determined so that the density level becomes the reference level in the main charger grid voltage correction.	

Reference density level (75)

$$= \frac{\text{Image patch density (Image density sensor output level)}}{\text{OPC drum surface density (Image density sensor output level)}} \times 1024$$

(Note) Be sure to set this value to 75. If this setting is improper, the copy density becomes abnormal.

Purpose	Section	Main code	Sub code	Description	Ref. page
Setting	Fusing	43			

```
SIMULATION NO.43
INPUT 1~3

  1.FUSER TEMPERATURE SET UP.
  2.(NO PROGRAM)
  3.FUSER MOTOR ROTATION SPEED
    ADJUSTMENT.
```

Purpose	Section	Main code	Sub code		Description	Ref. page
			1	Operation/ Procedure	Used to set the fusing temperature of each copy mode	
				Operation/ Procedure	When this simulation is executed, the currently set temperature is displayed on the COPIES MADE display. Enter the code corresponding to the temperature to be set with the 10-key pad, and press the START button. The fusing temperature must be set each of the single copy mode and the duplex copy mode. Selection of the modes is made with the scroll key.	

```
SIMULATION NO.26
[1→1,1→2]
INPUT(1~5)
1.190°C       2.195°C       3.200°C
4.205°C       5.210°C

[1→2,2→2]
INPUT(1~9)
1.170°C       2.175°C       3.180°C
4.185°C       5.190°C       6.195°C
7.200°C       8.205°C       9.210°C

[1→1,1→2]  SETTING: PRESS ➡ KEY.
```

Destination	Standby, single copying	Duplex copying
Japan 15A	4. 205˚C	8. 205˚C
Others	3. 200˚C	3. 180˚C

Purpose	Section	Main code	Sub code	Description	Ref. page
	Auditor	26			

```
SIMULATION NO.26
INPUT 1~26

   1.OPTION SETUP.
   2.TRAY/SIZE SETUP.
   3.AUDITOR/COIN VENDOR SETUP.
   4.(NO PROGRAM)
   5.COUNTER MODE SETUP,
   6.DESTINATION SETUP.
   7.DRUM SENSITIVITY SETUP.
   8.TRAY EMPTY DATA SETUP.
  18.TONER SAVE MODE SETUP.
  26.KEY OPERATOR PROGRAM P21 SETUP.
  28.FIXED MAGNIFICATION RATIO SETUP/CHANGE
9~17. 19~25.(NO PROGRAM)
```

Purpose	Section	Main code	Sub code	Description		Ref. page
Setting	Auditor	26	3	Purpose/ Function	Used to set the auditor specification mode. Setting must be made according to the auditor using conditions.	
				Operation/ Procedure	Enter the code corresponding to the auditor installation with the 10-key pad, and press the START button. If the setting is improper, the trouble code is displayed.	

```
SIMULATION NO.26-3
INPUT 1~4

1.P10(500)
2.P10(3100)
3.SF-EA11
4.OTHER
```

```
SIMULATION NO.26-3
DO YOU NEED THE EXTRA MEMORY INITIAL?
        1.YES         2.NO
```

Code	Name	Content
1	P10 (500)	Internal auditor mode (500 dept.)
2	P10 (3100)	Internal auditor mode (500 dept.) + expansion RAM mode (2600 dept.)
3	SF-EA11/12	Card counter mode (SF-EA11)
4	OTHER	Others

When the mode of code "2" is selected, setting must be made to initialize the RAM or not. If a new RAM is installed, select YES and press the START button.

When YES is selected, all the RAM contents are cleared.

Purpose	Section	Main code	Sub code	Description	Ref. page
	Others	26			

```
SIMULATION NO.26
INPUT 1~26

   1.OPTION SETUP.
   2.TRAY/SIZE SETUP.
   3.AUDITOR/COIN VENDOR SETUP.
   4.(NO PROGRAM)
   5.COUNTER MODE SETUP,
   6.DESTINATION SETUP.
   7.DRUM SENSITIVITY SETUP.
   8.TRAY EMPTY DATA SETUP.
  18.TONER SAVE MODE SETUP.
  26.KEY OPERATOR PROGRAM P21 SETUP.
  28.FIXED MAGNIFICATION RATIO SETUP/CHANGE
4. 9~17. 19~25.(NO PROGRAM)
```

Purpose	Section	Main code	Sub code	Description		Ref. page
Setting	Others	26	18	Purpose/ Function	Used to set YES/NO of toner save function. (Note) This simulation is valid only in Japan and UK versions. For the other destinations, the same setting can be performed with the user program P22. The setting of SIM 26-6 (Destination) determines to enable this simulation or to set with the user program P22.	

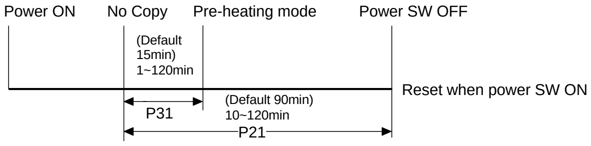
				Operation/ Procedure	When this simulation is executed, the code corresponding to the currently set mode is displayed on the COPIES MADE display.
					Select the code to make the toner save function enable or not with the 10-key pad and press the START key.
					`SIMULATION NO.26-18`
					`TONER SAVE MODE SETTING`
					`0.NO     1.YES`	

			26	Purpose/ Function	Used to set whether the mode is shifted to the power shut down mode after a certain time from completion of copying or the mode is shifted to the setting of the power shut down mode after a certain time from turning on the power.	
				Operation/ Procedure	When this simulation is executed, the code corresponding to the currently set mode is displayed on the COPIES MADE display. Select with the 10-key pad whether the mode is shifted to the power shut down mode after a certain time from completion of copying or the mode is shifted to the setting of the power shut down mode after a certain time from turning on the power. Press the START button to set.	

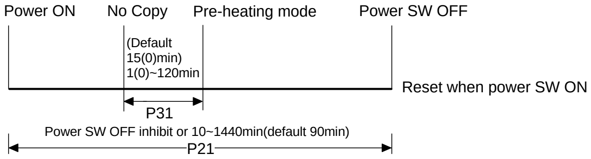
Purpose	Section	Main code	Sub code	Description		Ref. page
Setting	Others	26	26	Operation/ Procedure		

```
SIMULATION NO.26-26
AUTO SHUT-OFF SELECTION (POWER OFF MODE SETTING)

0.AUTO POWER SHUT-OFF TIMER(NO COPY→POWER OFF)
1.POWER OFF TIMER(POWER SW ON→POWER OFF)
```

(SIM 26-26 set value 0)


Power ON
No Copy
Pre-heating mode
Power SW OFF
(Default 15min) 1~120min
Reset when power SW ON
P31
(Default 90min) 10~120min
P21

(SIM 26-26 set value 1)


Power ON
No Copy
Pre-heating mode
Power SW OFF
(Default 15(0)min) 1(0)~120min
Reset when power SW ON
P31
Power SW OFF inhibit or 10~1440min(default 90min)
P21

SIM 26-26			
Set value = 0 NO COPY → Power OFF		Set value = 1 Power ON → Power OFF	
Power shut down set time		Power shut down set time	
User program P21		User program P21	
Default (min)	Set range (min)	Default (min)	Set range (min)
90	1 ~ 120	0	0 ~ 1440
Pre-heat mode set time			
User program P31		User program P31	
Default (min)	Set range (min)	Default (min)	Set range (min)
15∗	1 ~ 120∗	0∗	0 ~ 120∗

∗: When the set value is 0, the function is inhibited.

Purpose	Section	Main code	Sub code	Description		Ref. page
			28	Purpose/ Function	Used to make additional setting of copy magnification ratios. Three kinds of magnification ratios can be added (registered or changed) to the standard magnification ratios.	
				Operation/ Procedure	When this simulation is executed, the currently set copy magnification ratios are displayed on the COPIES MADE display. To change the magnification ratio, select the number corresponding to the copy magnification ratio and press the START button. To set a magnification ratio newly, select the number corresponding to the ratio you want to register, and press the START button.	

```
SIMULATION NO.26-28
FIXED MAGNIFICATION RATIO SET/CHANGE
SELECT THE RATIO TO BE CHANGED.
1.nnn%     2.nnn%     3.nnn%
```

Use the zoom key to select the desired magnification ratio and press the START key.

```
SIMULATION NO.26-28
FIXED MAGNIFICATION RATIO SET/CHANGE
USE ZOOM KEY TO SELECT NEW MAGNIFICATION
RATIO, AND PRESS START KEY.
                                  nnn% → mmm%
```

(Operation test)

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Operation panel	5				

```
SIMULATION NO.5
INPUT 1~4

 1.ALL LED/LCD TEST.
 2.HEATER LAMP TEST.
 3.COPY LAMP TEST.
 4.DL/BL TEST.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			1	Purpose/ Function	Used to check the operation of the operation display lamps and the LCD and the control circuit.	
				Operation/ Procedure	All the display lamps and LCD's on the operation panel are lighted for 60 sec.	
	Paper feed section	6				

```
SIMULATION NO.6
INPUT 1~3

 1.SOLENOID/CLUTCH OPERATION TEST.
 2.FAN MOTOR OPERATION TEST.
 3.PAPER TRAY OPERATION TEST.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			3	Purpose/ Function	Each tray performs the initial operation.	
				Operation/ Procedure	Each tray falls to the lower limit detecting position and then rises. If there is any paper on the tray, the tray stops when the paper is detected. If there is no paper on the tray, the tray rises up until the upper limit is detected, and then stops. The ON/OFF state of the sensors and the detectors in the paper tray section can be monitored on the LCD display. When active, the display is highlighted.	

```
 SIMULATION NO.6-3

 MFT : MPED, MPSD1,MPSD2
TRAY1: TCD1, TLD1, TUD1, TLMD1,TPTD1
       TSW1
TRAY2: TCD2, TLD2, TUD2, TLMD2,TPTD2
       TSW2, PS21, PS22, PS23, PS24R
PS25, PS26
TRAY3: TCD3, TLD3, TUD3, TLMD3,TPTD3
       TSW3, PS31, PS32, PS33, PS34
       PS35, PS36
 CAS4: CSD,  CLUD, CPED
```

(When detected, the display is highlighted.)

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Paper feed section	6	3	Operation/ Procedure		

Paper feed tray	Name	Content
Manual paper feed tray	MPED	Paper empty detector
	MPSD1	Paper length detector 1
	MPSD2	Paper length detector 2
Paper feed trays 1 ~ 3	TCDn	Tray set detector
	TLDn	Tray lower limit detector
	TUDn	Tray paper empty detector
	TLMDm	Tray upper limit detector
	TPTDn	Tray PT detector
	TSWn	Tray switch
Paper feed trays 2, 3	PSn1 ~ PSn6	Tray paper side detectors 1 ~ 6
Paper feed cassette	CSD	Installation detector
	CLUD	Lift detector
	CPED	Paper empty detector

No. 2/3 paper feed tray size detection

	PSn1	PSn2	PSn3	PSn4	PSn5	PSn6 (Length)	Remark
11 × 17	—	—	—	—	○	—	
8.5 × 14	○	—	—	—	—	—	Only when set to the inch series legal 8,5 × 14".
8.5 × 11	—	—	—	—	○	○	
8.5 × 11R	○	—	—	—	—	○	
A3	—	—	○	—	—	—	
B4	—	○	—	—	—	—	
A4	—	—	○	—	—	○	
B5	—	○	—	—	—	○	
A4R	○	—	—	—	—	○	AB series only
B5R	—	—	—	○	—	○	
8.5 × 13	○	—	—	—	—	—	When set to Australia/inch series legal 13 × 8.5"

Purpose	Section	Main code	Sub code	Description		Ref. page
		30				

```
SIMULATION NO.30
INPUT 1~2

 1.MAIN FRAME SENSOR TEST.
 2.TRAY SENSOR TEST.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			1	Purpose/ Function	Used to check the operation of the sensors and detectors in the other section than the paper feed section of the copier. The operations of the paper feed section sensors and the detectors can be monitored by the LCD display section.	
				Operation/ Procedure	The ON/OFF state of the sensors and the detectors in the other sections than the paper feed section can be monitored with the LCD display. When active, highlighted.	

```
  SIMULATION NO.30-1

PFD1 ,PFD2 ,PFD3 ,CPFD ,TPED1
MPFD ,PPD1 ,PPD2 ,PPD3 ,LPPD1
LPPD2,PSD  ,POD  ,POD2 ,DSBD
DPPD ,DPID ,DTPD ,DPFD ,DPFS1
DPFS2,DTWHP,DTBHP,DFMHP,DDSW
DSW  ,MDOP ,MTOP ,TFD  ,FUSUS
TBBOX,TNF  ,TNCTR,TES1 ,TES2
```

(Highlighted when detected.)

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Paper feed section	30	1	Operation/ Procedure		

Name	Content
PFD1	Paper feed detector 1 (tray)
PFD2	Paper feed detector 2 (tray)
PFD3	paper feed detector 3 (tray)
CPFD	Cassette paper feed detector
TPED1	Tray 1 paper empty detector
MPFD	Manual paper feed tray detector
PPD1	Transport detector 1
PPD2	Transport detector 2
PPD3	Transport detector 3
LPPD1	Not used.
LPPD2	Not used.
PSD	Paper separation detector
POD	Paper exit detector 1
POD2	Paper exit detector 2
DSBD	Reverse unit paper entry detector
DPPD	Duplex paper entry transport detector
DPID	Duplex paper entry detector
DTPD	Duplex tray paper presence/empty detector
DPFD	Duplex paper feed detector
DPFS1	Not used.
DPFS2	Not used.
DTWHP	Duplex tray alignment plate home position detector (width)
DTBHP	Duplex tray alignment plate home position detector (width) (transport direction)
DFMHP	Duplex suction valve motor home position detector
DDSW	Switchback section cabinet open/close detector
DSW	Door switch
MDOP	Manual paper feed tray open/close detector
MTOP	Manual paper feed tray pull-out detector
TFD	Copy reception tray full detector
FUSUS	Fusing unit installation detector
TBBOX	Waste toner bottle detector
TNF	Waste toner full detector
TNCTR	Toner cartridge empty detector
TES1	Toner empty detector 1
TES2	Toner empty detector 2

Purpose	Section	Main code	Sub code	Description		Ref. page
			2	Purpose/ Function	Used to check the operation of the paper feed section sensors and detectors and the related circuit. The operations of the paper feed section sensors and detectors can be monitored with the LCD display.	
				Operation/ Procedure	The ON/OFF state of the sensors and the detectors in the paper feed section can be monitored with the LCD display. When active, highlighted.	

```
 SIMULATION NO.30-2

 MFT : MPED, MPSD1,MPSD2
TRAY1: TCD1, TLD1, TUD1, TLMD1,TPTD1
       TSW1
TRAY2: TCD2, TLD2, TUD2, TLMD2,TPTD2
       TSW2, PS21, PS22, PS23, PS24
       PS25, PS26
TRAY3: TCD3, TLD3, TUD3, TLMD3,TPTD3
       TSW3, PS31, PS32, PS33, PS34
       PS35, PS36
 CAS4: CSD,  CLUD, CPED
```

(Highlighted when detected.)

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Paper feed	30	2	Operation/ Procedure		

Paper feed tray	Name	Content
Manual paper feed tray	MPED	Paper empty detector
	MPSD1	Paper length detector 1
	MPSD2	Paper length detector 2
Paper feed trays 1 ~ 3	TCDn	Tray set detector
	TLDn	Tray lower limit detector
	TUDn	Tray paper empty detector
	TLMDn	Tray upper limit detector
	TPTDn	Tray PT detector
Paper feed trays 2, 3	PSn1 ≀ PSn6	Tray paper size detectors 1 ~ 6 (For the sizes, refer to the separate table.)
Paper feed cassette	CSD	Installation detector
	CLUD	Lift detector
	CPED	Paper empty detector

No. 2/3 paper feed tray size detectors

	PSn1	PSn2	PSn3	PSn4	PSn5	PSn6 (Length)	Remark
11 × 17	—	—	—	—	○	○	
8.5 × 14	○	—	—	—	—	○	Only when set to the inch series legal 8,5 × 14".
8.5 × 11	—	—	—	—	○	—	
8.5 × 11R	○	—	—	—	—	○	
A3	—	—	○	—	—	○	
B4	—	○	—	—	—	○	
A4	—	—	○	—	—	—	
B5	—	○	—	—	—	—	
A4R	○	—	—	—	—	—	AB series only
B5R	—	—	—	○	—	—	
8.5 × 13	○	—	—	—	—	○	When set to Australia/inch series legal 13 × 8.5"

Purpose	Section	Main code	Sub code	Description		Ref. page
		40				

```
SIMULATION NO.40
INPUT 1~2
  1.M.P.F TRAY'S PAPER WIDTH SIZE
    DETECTION CHECK.
  2.M.P.F TRAY'S PAPER WIDTH SIZE
    DETECTION ADJUSTMENT.
  3.CASSETTE PAPER SIZE SENSOR CHECK.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			1	Purpose/ Function	Used to check the operation of the manual paper feed tray paper width detector and the related circuit. The operations of the manual paper feed tray paper width detectors can be monitored with the LCD display.	
				Operation/ Procedure	Slide the manual paper feed tray paper width guide, and the paper size corresponding to the paper width is displayed.	

```
SIMULATION NO.40-1
BYPASS TRAY'S PAPER WIDTH SIZE
DETECTION CHECK.

 A4/A3
 8½×11/11×17
 B5/B4
 8½×14;13/8½×11R/5½×8½/A4R/A5
 B5R
```

(The size corresponding to the detected position is highlighted.)

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Paper feed	40	3	Purpose/ Function	Used to check the operation of the paper cassette size detector and the related circuit. The operation of the paper cassette size detector can be monitored with the LCD display.	
				Operation/ Procedure	SIMULATION NO.40-3 CASSETTE PAPER SIZE SENSOR CHECK A4R 8½×11R B5R 8½×11 A4 B5	
	Document size sensor	41		SIMULATION NO.41 INPUT 1~3 1.DOCUMENT SIZE SENSOR CHECK. 2.DOCUMENT SIZE SENSOR ADJ. 3.DOCUMENT SIZE SENSOR OUTPUT LEVEL DISPLAY.		
			1	Purpose/ Function	Used to check the operation of the document size detector and the related circuit. The operation of the document size detector can be monitored with the LCD display.	
				Operation/ Procedure	When a document is set on the document table, the sensor name corresponding to the document size is highlighted on the LCD display. The open/close state of the document cover is also monitored. SIMULATION NO.41-1 DOCUMENT SIZE PHOTO-SENSOR CHECK --- OCSW PD2(B5) PD3(A4) PD4(B5R) PD5(A4R) PD6(B4) PD7(A3)	

Sensor name	Description
OCSW	Highlighted when RADF is open.
PD2 ~ PD7	Highlighted when there is a document.

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Document size sensor	41	3	Purpose/ Function	Used to check the operation of the document size sensor and the related circuit. The document size sensor output level and the detection threshold level can be monitored with the LCD display.	
				Operation/ Procedure	The document size sensor output level and the detection threshold level adjusted with SIM 41-2 are displayed on the LCD display.	

```
SIMULATION NO.41-3

OCSW          RECEIVING    SETUP
---           LEVEL        LEVEL
PD2(B5)          199        127
PD3(A4)          199        126
PD4(B5R)          53        127
PD5(A4R)          53        127
PD6(B4)          199        126
PD7(A3)           53        125
```

Purpose	Section	Main code	Sub code	Description		Ref. page
	Paper transport	6				

```
SIMULATION NO.6
INPUT 1~3

 1.FAN SOLENOID/CLUTCH OPERATION TEST.
 2.FAN MOTOR OPERATION TEST.
 3.PAPER TRAY OPERATION TEST.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			1	Purpose/ Function	Used to check the operation of the paper transport system clutch and solenoid and the control circuit.	
				Operation/ Procedure	Enter the number corresponding to the load operation with the 10-key pad and press the START button to start the operation. Pressing the interruption key stops the continuous operation. Pressing the interruption key again allows selection of the other loads. With the clutch and the solenoid, the motor is turned on at the same time.	

```
SIMULATION NO.6-1
SELECT COPIER SOLENOID/CLUTCH

 1.PSPS     2.DGS1     3.DGS2     4.HRS
 5.MPFS     6.MPFC     7.CPFS     8.CPFC
 9.TBC1    10.TBC2    11.TBC3    12.DBC
13.TRC1    14.TRC2    15.DTRC    16.DTTC
17.DFSS    18.PSBRK   19.FUSM11  20.MSWRES
```

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Paper transport	6	1	Operation/ Procedure		

Code	Name	Content
1	PSPS	Separation solenoid
2	DGS1	Duplex gate solenoid
3	DGS2	Switchback gate solenoid
4	HRS	Fusing drive clutch solenoid
5	MPFS	Manual paper feed clutch solenoid
6	MPFC	Manual paper feed clutch
7	CPFS	Cassette paper feed clutch solenoid
8	CPFC	Cassette paper feed clutch
9	TBC1	Paper feed belt clutch 1
10	TBC2	Paper feed belt clutch 2
11	TBC3	Paper feed belt clutch 3
12	DBC	Duplex paper feed belt clutch
13	TRC1	Transport roller clutch 1
14	TRC2	Transport roller clutch 2
15	DTRC	Switchback transport roller clutch
16	DTTC	Duplex transport roller clutch
17	DFSS	Duplex paper stopper solenoid
18	PSBRK	Resist roller brake clutch
19	FUSM1	Fusing motor
20	MSWRES	Main SW OFF solenoid

	Duplex unit	9				

```
SIMULATION NO.9
INPUT 1~4

  1.(NO PROGRAM)
  2.(NO PROGRAM)
  3.ADU BACK STOP GUIDE AGING.
    (H.ALIGNMENT PLATE OPERATION TEST(ADU)
  4.ADU WIDTH GUIDE AGING.
    (V.ALIGNMENT PLATE OPERATION TEST(ADU)
```

			3	Purpose/ Function	Used to check the operation of the duplex unit rear edge (traverse (paper transport direction) alignment) plate and the control circuit.	
				Operation/ Procedure	Enter the number corresponding to the paper size with the 10-key pad, and press the START button. The traverse (paper transport direction) alignment plate repeats alignment of paper. (The alignment plate reciprocates between the alignment plate home position and the stop position corresponding to the selected paper size.) Press the interruption key stop the operation.	

```
 SIMULATION NO.9-3
H.ALIGNMENT PLATE OPERATION TEST(ADU)(AGING)

1.11×17          7.A4
2.8½×11          8.B4
3.8½×14          9.B5
4.8½×13         10.A4R
5.8½×11R        11.B5R
6.A3            12.A5
```

<table>
<tr><th>Purpose</th><th>Section</th><th>Main code</th><th>Sub code</th><th colspan="2">Description</th><th>Ref. page</th></tr>
<tr><td>Operation test</td><td>Duplex unit</td><td>9</td><td>4</td><td>Purpose/ Function</td><td>Used to check the operation of the duplex unit longitudinal (paper width direction) alignment plate and the control circuit.</td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td>Operation/ Procedure</td><td>Enter the number corresponding to the paper size with the 10-key pad, and press the START button.
The longitudinal (paper width direction) alignment plate repeats alignment of paper. (The alignment plate reciprocates between the alignment plate home position and the stop position corresponding to the selected paper size.)
Press the interruption key stop the operation.
SIMULATION NO.9-4
ADU (REAR EDGE VERTICAL ALIGNMENT PLATE)
OPERATION TEST(AGING)
1.8½×11/11×17
2.8½×14/8½×13/8½×11R
3.A4/A3
4.B5/B4
5.A5/A4R
6.B5R</td><td></td></tr>
<tr><td></td><td>Optical</td><td>1</td><td></td><td colspan="2">SIMULATION NO.1
INPUT 1~4

1.OPTICAL SYSTEM SCAN.
2.OPTICAL SYSTEM SENSOR TEST.
3.LENS TEST.
4.LENS AGING TEST.</td><td></td></tr>
<tr><td></td><td></td><td></td><td>1</td><td>Purpose/ Function</td><td>Used to check the operation of the scanner unit and the control circuit.</td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td>Operation/ Procedure</td><td>Press the START button, and the scanning is performed at the speed corresponding to the currently set copy magnification ratio.
The copy magnification ratio can be set voluntarily.</td><td></td></tr>
<tr><td></td><td></td><td></td><td>2</td><td>Purpose/ Function</td><td>Used to check the operation of the optical unit sensors and detectors and the control circuit.</td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td>Operation/ Procedure</td><td>ON/OFF of the optical unit sensors and detectors and the DC38V power state can be monitored with the LCD display.
When active, it is highlighted.
SIMULATION NO.1-2
LHP,MBHP,RE,MHP,DC38V
<table>
<tr><th>Code</th><th>Name</th></tr>
<tr><td>LHP</td><td>Lens home position sensor</td></tr>
<tr><td>MBHP</td><td>No. 4/5 mirror home position sensor</td></tr>
<tr><td>RE</td><td>Mirror motor rotary encoder output</td></tr>
<tr><td>MHP</td><td>Mirror home position detector</td></tr>
<tr><td>DC38V</td><td>DC38V for the mirror motor</td></tr>
</table></td><td></td></tr>
</table>

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Optical	1	3	Purpose/ Function	Used to check the operation of the lens unit and the control circuit.	

				Operation/ Procedure	The lens unit moves to the position of each copy magnification ratio shown below and stops there for about 1.0sec.
					The lens operation state (moving or stopped) and the copy magnification ratio corresponding to the lens stop position are displayed on the LCD display.
					[Inch series]
					100% → 50% → 64% → 77% → 95% → 200% → 141% → 125% → 121% → 100%
					[AB series]
					100% → 50% → 70% → 81% → 86% → 200% → 141% → 122% → 115% → 100%
					(Moving)
					`SIMULATION NO.1−3`
					
					`ONE LENS CARRIAGE CYCLE.`
					`Moving`
					(Stopped)
					`SIMULATION NO.1−3`
					
					`ONE LENS CARRIAGE CYCLE.`
					`Stopped...`	

			4	Purpose/ Function	Used to check the operation of the lens unit and the control circuit.	

				Operation/ Procedure	The operation of SIM 1-3 is repeated continuously (aging).
					(Moving)
					`SIMULATION NO.1−4`
					
					`LENS PRESET.`
					`Moving`
					(Stopped)
					`SIMULATION NO.1−4`
					
					`LENS PRESET.`
					`Preset stop...`	

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Optical	5		SIMULATION NO.5 INPUT 1~4 1.ALL LED/LCD TEST. 2.HEATER LAMP TEST. 3.COPY LAMP TEST. 4.DL/BL TEST.		
			3	Purpose/ Function	Used to check the operation of the copy lamp and the control circuit.	
				Operation/ Procedure	The copy lamp is lighted for 20 sec in the set copy mode (manual or photo mode) and at the set exposure level (copy density). At that time, the copy lamp applying voltage is displayed on the COPIES MADE display. The displayed value × 0.1 = Actual copy lamp applying voltage In the 200V series, the displayed value × 0.2 = actual copy lamp applying voltage. During this simulation, the fusing section fan motor, the optical fan motor, and the image forming section fan motor are turned on.	
	Process	5		SIMULATION NO.5 INPUT 1~4 1.ALL LED/LCD TEST. 2.HEATER LAMP TEST. 3.COPY LAMP TEST. 4.DL/BL TEST.		
			4	Purpose/ Function	Used to check the operation of the discharge lamp and the blank lamp and the control circuit.	
				Operation/ Procedure	The blank lamps are lighted from the rear frame side to the front frame side sequentially, and all the lamps are lighted for 1 sec. Then they are turned off from the rear frame side to the front frame side. At that time, the discharge lamp is lighted.	
		7		SIMULATION NO.7 INPUT 1~7 1.COPY AGING TEST. 2.COPY AGING TEST,(NO MISFEED DETECTION) 3.COPY AGING TEST,(NO MISFEED DETECTION,WARM UP,TEMPERATURE CONTROL) 4.COPY AGING TEST WITHOUT WARM UP 5.IMAGE PROCESS SECTION OPERATION TEST. 6.COPY AGING INTERMITTENTLY 7.COPY AGING INTERMITTENTLY (NO MISFEED DETECTION)		
			5	Purpose/ Function	Used to check the operation of the image forming section and the control circuit.	
				Operation/ Procedure	The OPC drum, the charger unit, the blank lamps, the discharge lamp, and the developing unit are turned on for 30 sec, and the OPC drum and the developing unit are rotated.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Developing unit	10		SIMULATION NO.10 TONER MOTOR OPERATION. ARE YOU SURE ? 1. YES 2.NO		
				Purpose/ Function	Used to check the operation of the toner motor and the control circuit. (Note) Do not execute this simulation with toner in the toner hopper. If executed, excessive toner enters the developing unit, resulting in overtoner. Be sure to remove the toner motor from the toner hopper before executing this simulation.	
				Operation/ Procedure	Enter the number to execute the simulation with the 10-key pad, and press the START button. The toner motor is turned on for 30sec.	
		25		SIMULATION NO.25 INPUT 1~2 1.TONER CONCENTRATION MONITOR. 2.AUTO DV ADJUSTMENT (AUTO TONER CONCENTRATION ADJUSTMENT)		
			1	Purpose/ Function	Used to check the operation of the section except for the optical section and the toner concentration sensor. The toner concentration sensor output can be monitored.	
				Operation/ Procedure	The image forming section drive motor rotates to operate the unit connected to it. The toner concentration sensor output level is displayed on the COPIES MADE display.	
	Fusing	5		SIMULATION NO.5 INPUT 1~4 1.ALL LED/LCD TEST. 2.HEATER LAMP TEST. 3.COPY LAMP TEST. 4.DL/BL TEST.		
			2	Purpose/ Function	Used to check the operation of the heater lamp and the control circuit.	
				Operation/ Procedure	The heater lamp repeats operation of ON for 500ms and OFF for 500ms 10 times.	
	RADF	2		SIMULATION NO.2 INPUT 1~3 1.RADF AGING TEST. 2.RADF SENSOR TEST. 3.RADF COMPONENT OPERATION TEST.		

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	RADF	2	1	Purpose/ Function	Used to check the operation of the RADF unit and the control circuit.	
				Operation/ Procedure	There are two operation modes as shown below, which ar selected with the 10-key pad. (The operation is performed without paper.) Press the START button to perform continuous operations of paper feed, paper transport, and paper exit. 1. Single mode 2. Duplex mode	

```
SIMULATION NO.2-1

  1.1→1(1→2)
  2.2→1(2→2)
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			2	Purpose/ Function	Used to check the operation of the RADF unit sensors and detectors and the control circuit.	
				Operation/ Procedure	ON/OFF of the optical unit sensors and detectors can be monitored with the LCD display. When active, highlighted.	

```
SIMULATION NO.2-2

 DSD  , DRS  , DTS  , RDD  , AUOD
 TGOD , DWS  , DLS1 , DLS2 , DWD1
 DWD2 , DWD3 , DWD4 , DWD5
```

Code	Name
DSD	Document presence sensor
DRS	Resist sensor
DTS	Timing sensor
RDD	Repulsion sensor
AUOD	RADF open/close sensor
TGOD	Reversing section cover open/close sensor
DWS	Document width sensor
DLS1	Document length sensor (large size)
DLS2	Document length sensor (small size)
DWD1	Document width sensor (182mm)
DWD2	Document width sensor (210/215.9mm)
DWD3	Document width sensor (257mm)
DWD4	Document width sensor (279.4mm)
DWD5	Document width sensor (297mm)

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	RADF	2	3	Purpose/ Function	Used to check the operation of the load in the RADF and the control circuit.	
				Operation/ Procedure	When the code of the load in the RADF to be checked with the 10-key pad, the code is displayed on the COPIES MADE display. After selection of the load, press the START button to operate the load. During execution, the motor keeps rotating. The clutch and the solenoid operates only once.	

```
SIMULATION NO.2-3

  1..A-MOTOR FORWARD.
  2..A-MOTOR REVERSE.
  3..B-MOTOR FORWARD.
  4..B-MOTOR REVERSE.
  5..C-MOTOR HIGH-SPEED.
  6..C-MOTOR LOW-SPEED.
  7..BRAKE CLUTCH.
  8..DOCUMENT STOPPER SOLENOID.
  9..FLAPPER SOLENOID.
```

Code	Symbol	Name
1	A-MOTOR FORWARD.	Paper feed motor forward rotation
2	A-MOTOR REVERSE.	Paper feed motor reverse rotation
3	B-MOTOR FORWARD.	Transport motor forward rotation
4	B-MOTOR REVERSE.	Transport motor reverse rotation
5	C-MOTOR HIGH-SPEED.	Paper exit/reversing section motor forward rotation
6	C-MOTOR LOW-SPEED.	Paper exit/reversing section motor reverse rotation
7	BRAKE CLUTCH.	Brake clutch
8	DOCUMENT STOPPER SOLENOID.	Document stopper solenoid
9	REVERSE. SOLENOID	Reverse solenoid

Purpose	Section	Main code	Sub code	Description		Ref. page
	Sorter (SF-S55 only)	3				

```
SIMULATION NO.3
INPUT 1~3

  1.SORTER OPERATION TEST(SF-S55).
  2.SORTER SENSOR TEST.
  3.SORTER COMPONENT OPERATION TEST.
    (SF-S53/S16)
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			1	Purpose/ Function	Used to check the operation of the sorter and the control circuit. (Note) This simulation is valid only in the SF-S55.	
				Operation/ Procedure	While the sorter is lifted up from the bottom, sorting is performed. When the sorter reaches the top, it falls. Sorting is performed during it falls. The above operation is repeated twice, then the multi guide and the push bar operate to push out the paper.] The above procedures are repeated.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Sorter	3				

```
SIMULATION NO.3
INPUT 1~3

  1.SORTER OPERATION TEST(SF-S55).
  2.SORTER SENSOR TEST.
  3.SORTER COMPONENT OPERATION TEST.
    (SF-S53/S16)
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			2	Purpose/ Function	Used to check the operation of the sensors and detectors in the sorter and the control circuit.	
				Operation/ Procedure	ON/OFF state of the sensors and detectors in the sorter can be monitored with the LCD display. (Differs depending on the sorter model.) When active, highlighted.	

```
SIMULATION NO.3-2
SF-S55

DROPN ,JNTS  ,FGUP  ,NSPEXT,SPEXT
FGHP  ,OSBPD ,SWHP  ,SWGP  ,HLD
SEBL  ,MVHP  ,MGHP  ,GWHP  ,PBHP
GBHP  ,BPD1  ,BPD2  ,BHP   ,LDP
HKEMP ,SPLHP ,SPD   ,S_5V  ,S_24V
DIPSW0,DIPSW1,DIPSW2,DIPSW3,DIPSW4
DIPSW5,DIPSW6,DIPSW7
```

(When sensed, highlighted.)

Signal name (sensor/detector)

Code		Name
SD2260 S/M (SIM3-2)	SFS55 S/M	
DROPN	PI22	Door sensor
JNTS	PI1	Joint sensor
FGUP	PI2	Transport guide up sensor
NSPEXT	PI3	Non-sort paper sensor
SPEXP	PI4	Sort paper sensor
FGHP	PI6	Transport guide home position sensor
OSBPD	PI7	Bin outside paper sensor
SWHP	PI9	Staple unit oscillation home position sensor
SWGP	PI10	Staple oscillating unit position sensor
HLD	S1	Staple unit direction sensor
SEBL	S2	Staple unit shift position sensor (stapling position)
MBHP	S2	Staple unit shift position sensor (home position)
MGHP	PI12	Multi guide home position sensor
GWHP	PI13	Reference wall home position sensor
PBHP	PI14	Push bar home position sensor
GBHP	PI16	Guide bar home position sensor

Code		Name
SD2260 S/M (SIM3-2)	SFS55 S/M	
BPD1	S3/S4	Bin unit inside paper sensor (bin center)
BPD2	S6/S7	Bin unit inside paper sensor (bin front side)
BHP	PI18	Bin unit home position sensor
LDP	PI20	Lead cam position sensor
HKEMP	SW1	Staple presence sensor
SPLHP	Q1	Stapling home position sensor
SPD	S5	Stapler inside paper sensor
S 5V		5V power down sensor
S 24V		24V power supply
DIPSW0		DIP switch 0 state
DIPSW1		DIP switch 1 state
DIPSW2		DIP switch 2 state
DIPSW3		DIP switch 3 state
DIPSW4		DIP switch 4 state
DIPSW5		DIP switch 5 state
DIPSW6		DIP switch 6 state
DIPSW7		DIP switch 7 state
—	PI11	—
—	PI15	—
—	PI21	—
—	MSW1	—
—	MSW2	—
—	MSW3	—

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Sorter	3	2	Operation/ Procedure		

```
SIMULATION NO.3-2
SF-S16

SPID , SPOD , IULD , ILLD , IHPS
IPSS
SJOD , STCD , SBCD
```

(When sensed, highlighted.)

Code	Name
SPID	Sorter paper in sensor
SPOD	Sorter paper exit sensor
IULD	Indexer upper limit sensor
ILLD	Indexer lower limit sensor
IHPS	Indexer home position sensor
IPPS	Indexer position sensor
SJOD	Sorter attach/detach (joint section) sensor
STCD	Top cover sensor
SBCD	Front cover open/close sensor

```
SIMULATION NO.3-2
SF-S53

JSW   , BHPS , LCHPS , SGHPS , SPID
SPPD  , BPED
SCSW  , SHPS , SCS   , SSD   , SED
SPED
```

(When sensed, highlighted.)

Code	Name
JSW	Sorter set (joint section) sensor
BHPS	Bin home position sensor
LCHPS	Bin position sensor
SGHPS	Bin home position sensor
SPID	Sorter paper in sensor
SPPD	Sorter paper exit sensor
BPED	Bin inside paper sensor
SCSW	Staple cover sensor
SHPS	Staple operation home position sensor
SCS	Staple unit home position sensor
SSD	Staple unit position sensor
SED	Staple sensor
SPED	Staple position sensor

Purpose	Section	Main code	Sub code	Description		Ref. page
			3	Purpose/ Function	Used to check the operation of the load in the sorter and the control circuit.	
				Operation/ Procedure	Enter the number corresponding to the load operation with the 10-key pad and press the START button to start the operation. Pressing the interruption key stops the continuous operation. Pressing the interruption key again allows selection of the other loads. (Note) This simulation is valid only in the SF-S53/16. • Do not execute this simulation with paper on the offset tray. It may cause a trouble.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Sorter	3	3	Operation/ Procedure	[When the SF-S53 is installed]	

```
SIMULATION NO.3-3
SF-S53

1.MAIN MOTOR.
2.PAPER PASS SOLENOID.
3.PAPER HOLD SOLENOID.
4.BINSHIFT MOTOR.
5.JOGGER MOTOR.
6.STAPLE MOTOR.
```

Code	Name
MAIN MOTOR	Sorter main motor
PAPER PASS SOLENOID	Paper transport solenoid
PAPER HOLD SOLENOID	Paper holding solenoid
BINSHIFT MOTOR	Bin shift motor
JOGGER MOTOR	Jogger motor
STAPLE MOTOR	Staple motor

[When the SF-S16 is installed]

```
SIMULATION NO.3-3
SF-S16

1.MAIN MOTOR.
2.FAN MOTOR.
3.GATE SOLENOID.
4.INDEX MOTOR.
```

Code	Name
MAIN MOTOR	Sorter main motor
FAN MOTOR	Sorter fan motor
GATE SOLENOID	Sorter gate solenoid
INDEX MOTOR	Sorter index motor

Purpose	Section	Main code	Sub code	Description		Ref. page
	Auditor	28				

```
SIMULATION NO.28
INPUT 1~4

  1.PRINTER TEST1.(CHARACTER PRINT)
  2.PRINTER TEST2.
  3.USER PROGRAM DATA PRINTOUT.
  4.SIMULATION DATA PRINTOUT.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			1	Purpose/ Function	Used to check the auditor commander (EA-13) print test.	
				Operation/ Procedure	Press the START/STOP key of the auditor commander (EA-13) to start printing. Check the test print for any abnormality.	

```
SIMULATION NO.28-1

PUSH THE START/STOP KEY ON THE COUNTER
COMMANDER.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Auditor	28	1	Operation/ Procedure	28-01 (Printer CG print) Press the auditor commander START/STOP key again to stop printing.	
			2	Purpose/ Function	Used to check the print test of the auditor commander (EA-13) printer. Check for missing of dots.	

				Operation/ Procedure	Press the START/STOP key of the auditor commander (EA-13) to start printing.
					All dots are printer. Check for any abnormality.
					`SIMULATION NO.28-1`
					
					`PUSH THE START/STOP KEY ON THE COUNTER`
					`COMMANDER.`
					28-02 (Printer test print)
					Press the auditor commander START/STOP key again to stop printing.	

	All units	7			`SIMULATION NO.7`
					`INPUT 1~7`
					
					`1.COPY AGING TEST.`
					`2.COPY AGING TEST,(NO MISFEED`
					`DETECTION)`
					`3.COPY AGING TEST,(NO MISFEED`
					`DETECTION,WARM UP,TEMPERATURE`
					`CONTROL)`
					`4.COPY AGING TEST WITHOUT WARM UP`
					`5.IMAGE PROCESS SECTION OPERATION TEST.`
					`6.COPY AGING INTERMITTENTLY`
					`7.COPY AGING INTERMITTENTLY`
					`(NO MISFEED DETECTION)`	

			1	Purpose/ Function	Used to check warm-up time and to check the operations of all the units and to make aging of copying. The operation of each section in copying can be checked.	
				Operation/ Procedure	When this simulation is executed, the machine starts warming up. The warming up time is counted second by second and displayed on the LCD display. When the machine enters the ready state, counting is stopped and the count display is also stopped (the display is kept unchanged). Press the CA (clear all) key once and enter the copy quantity, and press the START button, and copying of the set copy quantity is repeated.	
			2	Purpose/ Function	Used to check the warm-up time and the operation of all the units, and to perform aging of copying. The operation of each section during copying can be checked without paper.	
				Operation/ Procedure	Same as SIM 7-1, but without paper. Even if paper is used in this simulation, paper jams are ignored. In this case, however, the paper detector must be turned on forcibly.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	All units	7	3	Purpose/ Function	Used to check the operation of all the units. The operation of each section can be checked without paper ignoring the fusing temperature.	
				Operation/ Procedure	Same as SIM 7-1, but the operation can be made without paper and even though the fusing temperature is not in the specified range. When paper is used, paper jam and fusing trouble are ignored. At that time, the paper detector must be turned on forcibly. During this simulation, the heater lamp does not turned on.	
			4	Purpose/ Function	Used to check the operation of all the units. The operation of each section can be checked ignoring the fusing temperature.	
				Operation/ Procedure	The machine enters the ready state without warming up. Then the operation same as SIM 7-1 is performed. When the fusing temperature is not in the specified range, the self diag function operates.	
			6	Purpose/ Function	Used to check warm up time and the operations of all the units, and to perform copying intermittent aging. The operation of each section in copying can be checked.	
				Operation/ Procedure	Intermittent aging operation is added to the operations of SIM 7-1. The interval time can be voluntarily set in the range of 1 ~ 900sec. SIMULATION NO.7-n INPUT INTERVAL TIME. (1~900SEC) (n=6/7)	
			7	Purpose/ Function	Used to check warm up time and the operations of all the units, and to perform copying intermittent aging. (without jam detection) The operation of each section in copying can be checked.	
				Operation/ Procedure	Intermittent aging operation is added to the operations of SIM 7-1. The interval time can be voluntarily set in the range of 1 ~ 900sec.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Operation test	Others	6				

```
SIMULATION NO.6
INPUT 1~3

 1.SOLENOID/CLUTCH OPERATION TEST.
 2.FAN MOTOR OPERATION TEST.
 3.PAPER TRAY OPERATION TEST.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			2	Purpose/ Function	Used to check the operation of each air paper feed section and the control circuit.	
				Operation/ Procedure	Enter the code corresponding to each load and press the START button to start the operation. Pressing the interruption key stops the continuous operation. Pressing the interruption key again allows to select the other load.	

```
SIMULATION NO.6-2
INPUT 1~6

  1.TRAY1   (TVVS1,TBS1,TVFM,TBFM)
  2.TRAY2   (TVVS2,TBVS2,TVFM,TBFM)
  3.TRAY3   (TVVS3,TBVS3,TVFM,TBFM)
  4.DUPLEX  (DVVS,TVFM,TBFM,DBFM)
  5.FAN ONLY(TVFM,TBFM,DBFM)
  6.ALL FAN ON
```

Name	Content
TVVS1	Tray 1 suction valve solenoid
TBVS1	Tray 1 blower valve solenoid
TVVS2	Tray 2 suction valve solenoid
TBVS2	Tray 2 blower valve solenoid
TVVS3	Tray 3 suction valve solenoid
TBVS3	Tray 3 blower valve solenoid
DVVS	Duplex suction valve solenoid
TVFM	Suction fan motor
TBFM	Blower fan motor
DBFM	Duplex blower fan motor

(Copy density adjustment)

Purpose	Section	Main code	Sub code	Description		Ref. page

Copy density adjustment	Copy density adjustment	46		`SIMULATION NO.46`
				`INPUT(450~800):NORMAL MODE`
				`    (TONER SAVE MODE:USE [→] KEY)`		

				Purpose/ Function	Used to adjust the copy density (exposure) in each copy mode and the copy density gradient (exposure gradient). (Note) If SIM 44-1-D is set to valid, this simulation cannot be performed.	
				Operation/ Procedure	When this simulation is executed, the currently set exposure level is displayed on the COPIES MADE display. Select exposure level of 1 or 5 with the copy exposure key, and enter the adjustment value with the 10-key pad. Press the START button to set the value. Selection of each copy mode is made with the copy mode key. Selection of the toner save mode and the non-toner save mode is made with the scroll key. When the toner save mode is selected, “46A” is displayed on the COPIES SELECTED display. Exposure level is adjusted by changing the copy lamp applying voltage. The adjustment is made at exposure level 1 and 5 in each copy mode. The copy density (exposure level) and the copy density gradient (exposure gradient) can be adjusted voluntarily. The adjustment range is 450 ~ 800. The adjustment range divided by 10 (5) is roughly the actual copy lamp voltage. ( ): 200V series (Note) If SIM 44-1-D (Auto copy density adjustment) is set to valid, this adjustment is not effective.	
		47		Purpose/ Function	Used to store the characteristics of the AE sensor and the optical section for changes in the copy lamp applying voltage. Based on the stored data and the document density, the exposure level in the auto copy mode is automatically determined.	
				Operation/ Procedure	When this simulation is executed, the scanner unit is initialized and fed to the center of the document table. Set several sheets of white paper on the document table and close the RADF unit. Press the START button again, and the copy lamp applying voltage is changed from 80V (160V) to 45V (90V) in 5V step. At that time, the AE sensor output characteristics based on the white paper as the reference are stored in the RAM on the main PWB. The AE sensor is automatically adjusted at that time. This operation must be performed in advance of copy density adjustment in the auto copy mode.	

(Specifications)

Purpose	Section	Main code	Sub code	Description		Ref. page
Setting	Option	26				

```
SIMULATION NO.26
INPUT 1~26

   1.OPTION SETUP.
   2.TRAY/SIZE SETUP.
   3.AUDITOR/COIN VENDOR SETUP.
   5.COUNTER MODE SETUP,
   6.DESTINATION SETUP.
   7.DRUM SENSITIVITY SETUP.
   8.TRAY EMPTY DATA SETUP.
  18.TONER SAVE MODE SETUP.
  26.KEY OPERATOR PROGRAM P21 SETUP.
  28.FIXED MAGNIFICATION RATIO SETUP/CHANGE
4. 9~17. 19~25.(NO PROGRAM)
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			1	Purpose/ Function	Used to program the option setting. When an option is installed, use this simulation for the option setting.	
				Operation/ Procedure	Select the code of option installation with the 10-key pad and press the START button. If this setting is improper, the trouble code is displayed.	

```
SIMULATION NO.26-1
SORTER/STAPLE SORTER SETTING?

  0.NO SORTER
  1.SF-S55
  2.SF-S53/S16
  3.SF-S55(DISABLE AUTO FRONT ACCESS)
    (WHEN FEEDING FROM BYPASS-TRAY.)
```

No.	Content
1	Without sorter
2	With SF-S53 or SF-S16 installed
3	With SF-S55 installed
3	With SF-S55 installed (to inhibit automatic front take-up of paper in manual paper feed [useful to load thin films on the manual feed tray])

Purpose	Section	Main code	Sub code	Description		Ref. page
	Destination		6	Purpose/ Function	Used to set the destination.	
				Operation/ Procedure	Select the code corresponding to the destination, and press the START button to set.	

```
SIMULATION NO.26-6
SELECT DESTINATION.

[INCH]
1.SEC(USA)     2.SECL(CANADA) 3.OTHER

[AB(B5)/100V]
4.JAPAN/15A    5.JAPAN/20A

[AB(B5)]
6.SEEG(EUROPE) 7.SUK(U.K.)    8.SCA(AUSTRALIA)
9.OTHER

[AB(B5)/200V]
10.OTHER
```

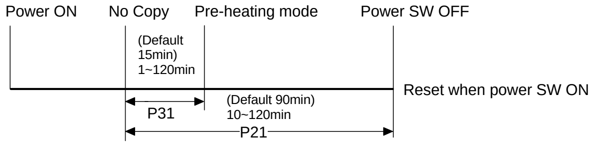
Purpose	Section	Main code	Sub code	Description	Ref. page
Setting	Destination	26	6	Operation/ Procedure	

Set No.	Destination	Document size sensor function	Energy saving			Toner save mode	P80
			Residual heat mode	Power shut off	Duplex copy mode (Default) setting		
1	SEC (USA)	×	P31	SHUT OFF (P21)	S → D [EVEN]	P22	Disable
2	SECL (CANADA)	×	P31	SHUT OFF (P21)	S → S	P22	Disable
3	INCH	×	P31	SHUT OFF (P21)	S → S	P22	Disable
4	JAPAN/15A	○	P31	SHUT OFF (P21)	S → D [EVEN]	P26-18	Enable
5	JAPAN/20A	○	P31	SHUT OFF (P21)	S → D [EVEN]	P26-18	Enable
6	SEEG (EUROPE)	×	P31	SHUT OFF (P21)	S → S	P22	Disable
7	SUK (U.K.)	×	P31	SHUT OFF (P21)	S → S	P26-18	Disable
8	SCA (AUSTRALIA)	×	P31	SHUT OFF (P21)	S → S	P22	Disable
9	AB	×	P31	SHUT OFF (P21)	S → S	P22	Disable
10	AB (200V)	○	P31	SHUT OFF (P21)	S → S	P22	Disable

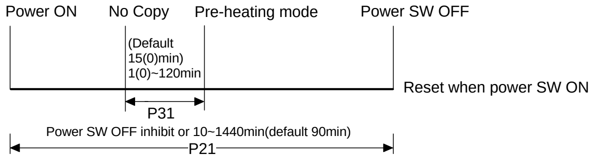
P∗∗: Key operator program

∗: When set to 0, the function is invalid.

(SIM 26-26 set value 0)


Power ON
No Copy
Pre-heating mode
Power SW OFF
(Default 15min) 1~120min
P31
(Default 90min) 10~120min
P21
Reset when power SW ON

(SIM 26-26 set value 1)


Power ON
No Copy
Pre-heating mode
Power SW OFF
(Default 15(0)min) 1(0)~120min
P31
Power SW OFF inhibit or 10~1440min(default 90min)
P21
Reset when power SW ON

SIM 26-26			
Set value = 0 NO COPY → Power OFF		Set value = 1 Power ON → Power OFF	
Power shut down set time		Power shut down set time	
User program P21		User program P21	
Default (min)	Set range (min)	Default (min)	Set range (min)
90	1 ~ 120	0	0 ~ 1440
Pre-heat mode set time			
User program P31		User program P31	
Default (min)	Set range (min)	Default (min)	Set range (min)
15∗	1 ~ 120∗	0∗	0 ~ 120∗

Purpose	Section	Main code	Sub code	Description		Ref. page
Setting	Destination	26	6		Pre-heat mode: The state where the fusing control temperature is lowered from that of the copy mode of 200/205°C (∗1) to that of the standby mode of 160/150/180°C (∗2). Therefore the power consumption is decreased. This function is common to all the destinations. Power shut down: The power switch is forcibly turned off to cut all the currents. To supply power, turn on the power switch. After a certain time from start of copying, the machine enters the pre-heat mode. The time for entering the residual heat mode can be voluntarily set with the user program 31. There are two operation modes for the power shut down mode, which can be selected with SIM 26-26. (When SIM 26-26 is set to 0:) After a certain time from stopping copying, the machine enters the power shut down mode. The time can be set with the user program 21. (When SIM 26-26 is set to 1:) After a certain time from turn on the power, the machine enters the power shut down mode. The time can be set with the user program 21. For the copy mode complying with EnergyStar (∗1), the default is Single coy → Duplex copy. Toner save mode To make the toner save mode valid or invalid, use the user program P22 or SIM 26-18. Using the user program or the simulation is determined depending on the destination (SIM 26-6 setting). ∗1: For Japan 15A specification, 205°C ∗2: Areas of not EnergyStar (except for U.S.A./Japan), 160°C Areas of EnergyStar (U.S.A./Japan), 150°C When SIM 26-26 is set to 1 in Japan 15A specification, 180°C	

(Report/machine conditions)

Purpose	Section	Main code	Sub code	Description		Ref. page
Check	Process	44				

```
SIMULATION NO.44
INPUT 1~9

  1.DISABLE/ENABLE PROCESS-CONTROL
    SETUP.
  2.DMS LEVEL ADJ
  3.IDS LEVEL ADJ
  4.PROCESS CONTROL REFERENCE LEVEL
  5.(NO PROGRAM)
  6.(NO PROGRAM)
  7.DMS/IDS SESOR LEVEL CHECK.
  8.(NO PROGRAM)
  9.PROCESS CONTROL DATA DISPLAY.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			7	Purpose/ Function	Used to check the output level of the OPC drum mark sensor and the image density sensor.	
				Operation/ Procedure	The OPC drum rotates. The average output level of the measured density sensor is displayed on the LCD displayed. If the value is not in the range below, use SIM 44-2 and SIM 44-3 to adjust the sensors. DM (OPC drum mark sensor output level) –123 ~ 233 ID (image density sensor output level) –668 ~ 998	

```
SIMULATION NO.44-7
 DMS/IDS SENSOR LEVEL CHECK.

 DMS···nnn
 IDS···nnn
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			9	Purpose/ Function	Used to check the data on the main charger grid voltage correction. This simulation allows to check that the main charger grid voltage correction is performed correctly or not.	
				Operation/ Procedure	The following data are displayed on the LCD display.	

```
SIMULATION NO.44-9

FVGNOM:nnn   FVGPHT:nnn   FVGTS:nnn
NVGNOM:nnn   NVGPHT:nnn   NVGTS:nnn
FCLNOM:nnn   FCLPHT:nnn   FCLTS:nnn
NCLNOM:nnn   NCLPHT:nnn   NCLTS:nnn
NCLAE :nnn   NCLAE :nnn
DVCL  :nnn   DSENSE:nnn
DMCNT :nnn   LETCNT:nnn   DMRNCT:nnn
FTNCNT:nnn   LETCNT:nnn   LTNCNT:nnn
FTNREF:nnn   LETREF:nnn   TLEVEL:nnn
```

Purpose	Section	Main code	Sub code	Description			Ref. page
Check	Process	44	9	Operation/ Procedure	FVGNOM:	Manual copy mode MC grid voltage level adjusted with SIM 8-2A. When the voltage is change by 1.0V, the display value is changed by 1.	
					FVGPH:	Photo copy mode MC grid voltage level adjusted with SIM 8-2B. When the voltage is change by 1V.0, the display value is changed by 1.	
					FVGTS:	Toner save copy mode MC grid voltage level adjusted with SIM 8-2C. When the voltage is change by 1.0V, the display value is changed by 1.	
					NVGNOM:	Currently set normal copy mode MC grid voltage level. When the voltage is change by 1V, the display value is changed by 1.	
					NVGPHT:	Currently set photo copy mode MC grid voltage level. When the voltage is change by 1V, the display value is changed by 1.	
					NVGTS:	Currently set toner save copy mode MC grid voltage level. When the voltage is change by 1V, the display value is changed by 1.	
					FCLNOM:	Copy lamp voltage level at density level “1” of manual copy mode set at copy density adjustment (SIM 46). The displayed value divided by 10 (5) is the actual copy lamp voltage. ( ): 200V series	
					FCLPHT:	Copy lamp voltage level at density level “1” of photo copy mode set at copy density adjustment (SIM 46). The displayed value divided by 10 (5) is the actual copy lamp voltage. ( ): 200V series	
					FCLTS:	Copy lamp voltage level at density level “1” of toner save copy mode set at copy density adjustment (SIM 46).	
					NCLNOM:	Copy lamp voltage level at density level “1” of currently set manual copy mode.	
					NCLPHT:	Copy lamp voltage level at density level “1” of currently set photo copy mode.	
					NCLTS:	Copy lamp voltage level at density level “1” of currently set toner save copy mode.	
					FCLAE:	Copy lamp voltage level of auto copy mode (with white document) set at copy density adjustment (SIM 46). The displayed value divided by 10 (5) is the actual copy lamp voltage. ( ): 200V series	

Purpose	Section	Main code	Sub code	Description			Ref. page
Check	Process	44	9	Operation/ Procedure	NCLAE:	Copy lamp voltage level of currently set auto copy mode. The displayed value divided by 10 (5) is the actual copy lamp voltage. ( ): 200V series	
					DVCL:	Currently set optical unit dirt correction reference copy lamp voltage level.	
					DSENSE:	During warming up by SIM 46, the copy lamp is lighted at 70V (140V) to radiate the reference reflection plate. The optical dirt sensor level at that moment is stored.	
					DMCNT:	OPC drum mark sensor gain level. The gain level is automatically adjusted every time when the main charger grid voltage is corrected.	
					IDCNT:	Image density sensor gain level. The gain level is automatically adjusted every time when the main charger grid voltage is corrected.	
					DMRNCT:	OPC drum correction counter count value.	
					FTNREF:	After completion of toner concentration correction A (initial density correction), the toner concentration control level is returned to the initial level (adjusted by SIM 25-2). The condition for the toner concentration control level to return to the initial level (adjusted by SIM 25-2) is that the current manual copy mode main charger grid voltage falls below the specified voltage level of FTNREF. This is the above specified level. The normal level is the same as the initial main charger grid voltage level (FVGNOM +30) in the manual copy mode.	
					LETREF:	The condition for execution of toner concentration correction B is that the main charger grid voltage in the current manual copy mode falls below the specified voltage level (LETREF –50). This shows the above specified level. The normal level is the same as the initial main charger grid voltage level (FVGNOM) in the manual copy mode plus 30V.	
					TLEVEL:	Current toner concentration control level. It is the total toner concentration control level with all toner concentration corrections A, B, and C together with the toner concentration control level set by SIM 25-2.	
					LTNCNT:	After a certain time from stopping stirring of developer and toner, when stirring is started again, the toner concentration control level is corrected for a certain time. (Toner concentration correction C) This shows the toner concentration control correction level at that time. Based on the toner concentration control level set with SIM 25-2 as the reference (zero), the value corresponding to correction is displayed.	
					FTNCNT:	This shows the correction level of toner concentration correction A (initial density correction) for the toner concentration control level set with SIM 25-2. Based on the toner concentration control level set with SIM 25-2 as the reference (zero), the value corresponding to correction is displayed.	
					LETCNT:	This shows the correction level of toner concentration correction B (initial density correction) for the toner concentration control level set with SIM 25-2. Based on the toner concentration control level set with SIM 25-2 as the reference (zero), the value corresponding to correction is displayed.	

Purpose	Section	Main code	Sub code	Description	Ref. page
Check	ROM version	22			

```
SIMULATION NO.22
INPUT 1~6

  1.COUNTER DATA DISPLAY.
  2.JAM COUNTER DATA DISPLAY.
  3.ERROR COUNTER DATA DISPLAY
  4.KEY OPERATOR CODE DISPLAY.
  5.ROM VERSION DATA DISPLAY.
```

Sub code		Description
5	Purpose/ Function	Used to check the ROM version of each unit.
	Operation/ Procedure	The ROM version of each unit is displayed.

```
SIMULATION NO.22-5

S/N :nnnnnnnnnn
MAIN:Vnnnn       MIRROR:Vnnnn
OPE :Vnnnn       SORTER:Vnnnn
DATA:Vnnnn(ccc)  RADF  :Vnnnn
```

nnnn: ROM version

ccc: language

ENG	English
JPN	Japanese
GER	German
FRN	French
DUT	Dutch
SPN	Spanish
ITA	Italian
KOR	Korean

Purpose	Section	Main code	Sub code	Description		Ref. page
Print out		23		SIMULATION NO.23 INPUT 1~5 1.COUNTER DATA PRINTOUT. 2.JAM COUNTER DATA PRINTOUT. 3.ERROR COUNTER DATA PRINTOUT. 4.KEY OPERATOR CODE PRINTOUT. 5.ROM VERSION PRINTOUT.		
	Copy count (Each unit in the copier)		1	Purpose/ Function	Used to print the copy count number of each counter by using the auditor commander (EA-13).	
				Operation/ Procedure	When this simulation is executed, the following massage is displayed on the LCD display. Press the START/STOP key of the auditor commander (SF-EA13), the total copy count and the each unit copy count are printed out. SIMULATION NO.23-1 PUSH THE START/STOP KEY ON THE COUNTER COMMANDER. TOTAL :nn,nnn,nnn MAINTENANCE:nn,nnn,nnn COPIES :nn,nnn,nnn DEVELOPER :nn,nnn,nnn RADF :nn,nnn,nnn STAPLER :nn,nnn,nnn DUPLEX UNIT:nn,nnn,nnn BYPASS TRAY:nn,nnn,nnn TRAY1 :nn,nnn,nnn TRAY2 :nn,nnn,nnn TRAY3 :nn,nnn,nnn CASSETTE :nn,nnn,nnn	
	Misfeed data	23	2	Purpose/ Function	Used to print the total number of misfeed and the misfeed history of the copier and the RADF by using the auditor commander (SF-EA13). If the number misfeed is great, it may be judged as necessary for repair. The misfeed rate is obtained by dividing this count value by the total counter value.	
				Operation/ Procedure	On the first menu screen, select between the copier and the RADF with the 10-key pad, and press the START button. Then press the START/STOP button of the auditor commander (SF-EA13). The total number of misfeed and the misfeed history of the selected unit are printed out. The misfeed history shows the misfeed positions in the sequence from the latest to older. The oldest one is sequentially deleted, and the max. latest 200 misfeeds are always stored, which are printed. SIMULATION NO.23-2 SELECT JAM COUNTER.(1~2) 1.MACHINE 2.RADF SIMULATION NO.23-2 PUSH THE START/STOP KEY ON THE COUNTER COMMANDER.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Print out	Misfeed data	23	2	Operation/ Procedure	TOTAL MACHINE(RADF)JAM: nn,nnn,nnn ***** ***** ***** ***** ***** ***** ***** ***** ***** ***** ***** ***** ***** ***** ***** ***** *****	
	Trouble data		3	Purpose/ Function	Used to print the total number of troubles (self diag) and the trouble history by using the auditor commander (SF-EA13). If the number of troubles is great, it may be judged as necessary for repair. The trouble rate is obtained by dividing this count value by the total counter value.	
				Operation/ Procedure	Perform the key operation of the simulation, press the START/STOP button of the auditor commander (SF-EA13). The total number of troubles and the trouble history are printed out. The trouble history shows the trouble codes in the sequence of the latest one to older. The oldest one is deleted and always max. 100 latest troubles are recorded, which are printed. SIMULATION NO.23-3 PUSH THE START/STOP KEY ON THE COUNTER COMMANDER. TOTAL ERRORS: nn,nnn,nnn **/** **/** **/** **/** **/** **/** **/** **/** **/** **/** **/** **/** **/** **/**	
	Key operator program	23	4	Purpose/ Function	Used to print the key operator code by using the auditor commander (SF-EA13). This is used when the customer forgets the key operator code.	
				Operation/ Procedure	After key operation of this simulation, press the START/STOP key of the auditor commander (SF-EA13), and the key operator code will be printed out. (Note) This simulation is used when the customer forgets the key operator code. However, do not let the customer know this simulation.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Print out	Key operator program	23	4	Operation/ Procedure		

```
SIMULATION NO.23-4

PUSH THE START/STOP KEY ON THE COUNTER
COMMANDER.
```

```
KEY OPERATOR CODE:nnnnn
```

Purpose	Section	Main code	Sub code	Description		Ref. page
		28				

```
SIMULATION NO.28
INPUT 1~4
  1.PRINTER CHARACTER GENERATOR
    PRINTOUT.
  2.PRINTER TEST OPERATION.
  3.KEY OPERATOR DATA PRINTOUT.
  4.SIMULATION DATA PRINTOUT.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			3	Purpose/ Function	Used to print the list of all settings of the key operator program by using the auditor commander (SF-EA13).	
				Operation/ Procedure	Press the START/STOP key of the auditor commander (SF-EA13), and the list of all settings of the key operator program will be printed out. When servicing, print all the settings and store it for use in memory trouble or replacement of the PWB.	
	ROM version	23	5	Purpose/ Function	Used to print the ROM version of each unit by using the auditor commander (SF-EA13).	
				Operation/ Procedure	After key operation of this simulation, press the START/STOP key of the auditor commander (SF-EA13), and the ROM version of each unit will be printed out.	

```
SIMULATION NO.23-5

PUSH THE START/STOP KEY ON THE COUNTER
COMMANDER.
```

```
MAIN  :ver.nnnn
OPE   :ver.nnnn
DATA  :ver.nnnn
MIRROR:ver.nnnn
SORTER:ver.nnnn
RADF  :ver.nnnn
```

Purpose	Section	Main code	Sub code	Description		Ref. page
	All settings list	28	4	Purpose/ Function	Used to print the set values and the adjustment values of all the simulations by using the auditor commander (SF-EA13). When servicing, print the set values and the adjustment values of all the simulations and store it for use in memory trouble or replacement of PWB.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Print out	All settings list	28	4	Purpose/ Function	28-04 (Simulation set value print) When the commander is printing in each simulation, the LCD display shows the following message.	

```
SIMULATION NO.28-n
 --- CURRENTLY PRINTING ---
```

n: Simulation sub No.

When a trouble occurs during printing, the LCD shows the following message.

```
SIMULATION NO.28-n

 COUNTER COMMANDER ERROR.
 PLEASE CHECK THE COMMANDER(SF-13).
              ERROR CODE:*
```

∗ Error code

0	Communication error
1	Motor trouble
2	Home position error (OFF detection error)
3	Home position error (ON detection error)

(Counter)

Purpose	Section	Main code	Sub code	Description		Ref. page
Setting	Maintenance cycle	21				

```
SIMULATION NO.21
INPUT 1~2

 1.MAINTENANCE CYCLE SETTING.
 2.(NO PROGRAM)
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			1	Purpose/ Function	Used to set the maintenance cycle.	
				Operation/ Procedure	When this simulation is executed, the currently set maintenance cycle code is displayed on the COPIES MADE display. Enter the code number corresponding to the maintenance cycle to be selected, and press the START button to set.	

```
SIMULATION NO.21-1
SELECT MAINTENANCE CYCLE(0~2)
0.NONE    1.125K     2.250K
```

If the maintenance cycle set code is 1 or 2, the following message is displayed to show the maintenance timing when the number of copies made reaches the specified value.

```
READY TO COPY
Maintenance Required:∗
```

∗ Maintenance code

The relationship between the maintenance code and the simulation set value in the above table is shown in the table below.

SIM 21 set value	Maintenance cycle		Maintenance code
	EX	Japan	
0	NONE	NONE	—
1	125K	100K	A
2	250K	200K	B

Purpose	Section	Main code	Sub code	Description		Ref. page
	Count mode	26				

```
SIMULATION NO.26
INPUT 1~26

   1.OPTION SETUP.
   2.TRAY/SIZE SETUP.
   3.AUDITOR/COIN VENDOR SETUP.
   4.(NO PROGRAM)
   5.COUNTER MODE SETUP,
   6.DESTINATION SETUP.
   7.DRUM SENSITIVITY SETUP.
   8.TRAY PAPER EMPTY CONDITION SETUP.
9~25.(NO PROGRAM)
  26.KEY OPERATOR PROGRAM P21 SETUP.
```

```
SIMULATION NO.26
INPUT 1~26

   1.OPTION SETUP.
   2.TRAY/SIZE SETUP.
   3.AUDITOR/COIN VENDOR SETUP.
   5.COUNTER MODE SETUP,
   6.DESTINATION SETUP.
   7.DRUM SENSITIVITY SETUP.
   8.TRAY EMPTY DATA SETUP.
  18.TONER SAVE MODE SETUP.
  26.KEY OPERATOR PROGRAM P21 SETUP.
  28.FIXED MAGNIFICATION RATIO SETUP/CHANGE
4. 9~17. 19~25.(NO PROGRAM)
```

Purpose	Section	Main code	Sub code	Description		Ref. page
Setting	Count mode (Maintenance/ total)	26	5	Purpose/ Function	Used to set the count mode of the total counter and the maintenance counter.	
				Operation/ Procedure	Enter the code corresponding to the count mode to be set with the 10-key pad, and press the START button. The code number corresponding to the currently set count mode is displayed on the COPIES MADE display.	

```
SIMULATION NO.26-5
COUNTER MODE SETUP.
CODE TOTAL MAINTE COUNT
0  DOUBLE COUNT DOUBLE COUNT
1  SINGLE COUNT DOUBLE COUNT
2  DOUBLE COUNT SINGLE COUNT
3  SINGLE COUNT SINGLE COUNT
PLEASE SELECT BY
10KEY PAD.
```

Clear	Maintenance counter	20		Purpose/ Function	Used to reset the maintenance counter.	
				Operation/ Procedure	Enter the code number of execution YES, the maintenance counter is reset.	

```
SIMULATION NO.20
MAINTENANCE COUNTER CLEAR
ARE YOU SURE ?
1.YES         2.NO
```

	Misfeed counter	24				

```
SIMULATION NO.24
INPUT 1~7

  1.JAM COUNTER CLEAR
  2.ERROR(TROUBLE)COUNTER CLEAR
  3.DUPLEX COUNTER CLEAR
  4.RADF COUNTER CLEAR
  5.STAPLE COUNTER CLEAR
  6.TRAY COUNTER CLEAR
  7.MEMBRANE DECREASE CORRECTION COUNTER CLEAR
```

Purpose	Section	Main code	Sub code	Description		Ref. page
Clear	Misfeed counter	24	1	Purpose/ Function	Used to clear the misfeed counter and the misfeed history of each unit. After completion of maintenance, clear the misfeed counter.	
				Operation/ Procedure	After the key operation of this simulation, enter the code number corresponding to the unit to be reset and press the START button. Then select YES with the 10-key pad and press the START button. SIMULATION NO.24-1 JAM COUNTER CLEAR 1.MACHINE 2.RADF 3.BOTH When 1 is selected and the following operation is performed, the jam counter of the machine is cleared. When 2 is selected and the following operation is performed, the jam counter of the RADF is cleared. When 3 is selected and the following operation is performed, the jam counters of the machine and the RADF are cleared. 1. Machine jam counter clear SIMULATION NO.24-1 MACHINE JAM COUNTER CLEAR ARE YOU SURE ? 1.YES 2.NO 2. RADF jam counter clear SIMULATION NO.24-1 RADF JAM COUNTER CLEAR ARE YOU SURE ? 1.YES 2.NO 3. Machine/RADF jam counter clear SIMULATION NO.24-1 MACHINE/RADF JAM COUNTER CLEAR ARE YOU SURE ? 1.YES 2.NO	
	Trouble counter		2	Purpose/ Function	Used to clear the trouble counter and the trouble history. After completion of maintenance, clear the misfeed counter.	
				Operation/ Procedure	After the key operation of this simulation, select YES with the 10-key pad and press the START button. SIMULATION NO.24-2 ERROR COUNTER CLEAR ARE YOU SURE ? 1.YES 2.NO	

Purpose	Section	Main code	Sub code	Description		Ref. page
Clear	Copy counter (Duplex)	24	3	Purpose/ Function	Used to clear the copy counter of the duplex unit. After completion of maintenance, clear the copy counter.	
				Operation/ Procedure	After the key operation of this simulation, select YES with the 10-key pad and press the START button.	

```
SIMULATION NO.24-3

DUPLEX COUNTER CLEAR
ARE YOU SURE ?
 1.YES          2.NO
```

	Copy counter (RADF)		4	Purpose/ Function	Used to clear the copy counter of the RADF unit. After completion of maintenance, clear the copy counter.	
				Operation/ Procedure	After the key operation of this simulation, select YES with the 10-key pad and press the START button.	

```
SIMULATION NO.24-4

 RADF COUNTER CLEAR
 ARE YOU SURE ?
 1.YES          2.NO
```

	Copy counter (Stapler)		5	Purpose/ Function	Used to clear the copy counter of the stapler unit. After completion of maintenance, clear the copy counter.	
				Operation/ Procedure	After the key operation of this simulation, select YES with the 10-key pad and press the START button.	

```
SIMULATION NO.24-5

 STAPLE COUNTER CLEAR
 ARE YOU SURE ?
 1.YES          2.NO
```

	Copy counter (Paper feed unit)		6	Purpose/ Function	Used to clear the copy counter of the paper feed unit. After completion of maintenance, clear the copy counter.	
				Operation/ Procedure	After the key operation of this simulation, select YES with the 10-key pad and press the START button.	

```
SIMULATION NO.24-6
TRAY COUNTER CLEAR.

 1.TRAY 1
 2.TRAY 2
 3.TRAY 3
 4.SIDE CASSETTE
 5.BYPASS TRAY
 6.ALL TRAY
```

Purpose	Section	Main code	Sub code	Description		Ref. page

Clear	Copy counter (Paper feed unit)	24	6	Operation/ Procedure	When “1. TRAY 1” is selected:
					`SIMULATION NO.24-6`
					
					`TRAY 1 COUNTER CLEAR.`
					`ARE YOU SURE ?`
					`1.YES          2.NO`
					When “2. TRAY 2” is selected:
					`SIMULATION NO.24-6`
					
					`TRAY 2 COUNTER CLEAR.`
					`ARE YOU SURE ?`
					`1.YES          2.NO`
					When “3. TRAY 3” is selected:
					`SIMULATION NO.24-6`
					
					`TRAY 3 COUNTER CLEAR.`
					`ARE YOU SURE ?`
					`1.YES          2.NO`
					When “4. TRAY 4” is selected:
					`SIMULATION NO.24-6`
					
					`SIDE CASSETTE COUNTER CLEAR.`
					`ARE YOU SURE ?`
					`1.YES          2.NO`
					When “5. TRAY 5” is selected:
					`SIMULATION NO.24-6`
					
					`BYPASS TRAY COUNTER CLEAR.`
					`ARE YOU SURE ?`
					`1.YES          2.NO`
					When “6. ALL TRAY” is selected:
					`SIMULATION NO.24-6`
					
					`ALL TRAY COUNTER CLEAR.`
					`ARE YOU SURE ?`
					`1.YES          2.NO`	

	Copy counter (OPC drum)	24	7	Purpose/ Function	Used to clear the OPC drum correction counter. Use this simulation when the OPC drum is replaced.	
				Operation/ Procedure	After the key operation of this simulation, select YES with the 10-key pad and press the START button.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Clear	Copy counter (OPC drum)	24	7	Operation/ Procedure		

```
SIMULATION NO.24-7

OPC DRUM CORRECTION COUNTER CLEAR.
ARE YOU SURE ?
 1.YES        2.NO
```

	Developer counter	42		Purpose/ Function	Used to reset the developer counter. The developer counter of the installed developing unit is reset.	
				Operation/ Procedure	After the key operation of this simulation, select YES with the 10-key pad and press the START button.	

```
SIMULATION NO.42
 DEVELOPER COUNTER CLEAR.
 ARE YOU SURE ?
 1.YES           2.NO
```

Check	Copy counter (Each unit in the machine)	22				

```
SIMULATION NO.22
INPUT 1~6

  1.COUNTER DATA DISPLAY.
  2.JAM COUNTER DATA DISPLAY.
  3.ERROR COUNTER DATA DISPLAY
  4.KEY OPERATOR CODE DISPLAY.
  5.ROM VERSION DATA DISPLAY.
```

			1	Purpose/ Function	Used to check the copy count value of each unit. Used to check the maintenance cycle.	
				Operation/ Procedure	The twelve counters in total can be displayed on the LCD display. There are two screens for this simulation; one screen displays 6 counters. Selection of the screens is made with the scroll key.	

```
SIMULATION NO.22

TOTAL      :nn,nnn,nnn
MAINTENANCE:nn,nnn,nnn
COPIES     :nn,nnn,nnn
DEVELOPER  :nn,nnn,nnn
RADF       :nn,nnn,nnn
STAPLER    :nn,nnn,nnn                 1/2→
```

↓ Scroll key ON ↑

Purpose	Section	Main code	Sub code	Description		Ref. page
Check	Copy counter (Each unit in the machine)	22	1	Operation/ Procedure	SIMULATION NO.22-1 BYPASS :nn,nnn,nnn TRAY 1 :nn,nnn,nnn TRAY 2 :nn,nnn,nnn TRAY 3 :nn,nnn,nnn CASSETTE:nn,nnn,nnn DUPLEX :nn,nnn,nnn 2/2→	
	Misfeed counter		2	Purpose/ Function	Used to check the total misfeed positions and the number of misfeeds at each position of the machine and the RADF. If the number of misfeed is great, it is judged as necessary for repair. The misfeed rate is obtained by dividing this count value by the total counter value.	
				Operation/ Procedure	On the first screen, select between the machine and the RADF with the 10-key pad and press the START button. The total number of misfeed of the selected unit is displayed. SIMULATION NO.22 SELECT JAM COUNTER (1~2) 1.MACHINE 2.RADF When a misfeed occurs next, press “✱” key, and the new misfeed position is displayed sequentially. The oldest history is deleted in sequence, and max. 255 histories are always stored. One screen displays max. 10 histories. If there are more than 10 histories, press the scroll key to go to the next screen. SIMULATION NO.22-2 TOTAL MACHINE(RADF)JAM:**,***,***← (TOTAL JAM COUNT) (Jam position) ↓ ✱ key ON *****,*****,*****,*****,***** *****,*****,*****,*****,***** 1/* ← (MAX DISPLAY SCREEN) ↓ SCROLL KEY ON *****,*****,*****,*****,***** *****,*****,*****,*****,***** 2/* ↓ SCROLL KEY ON	
	Trouble counter		3	Purpose/ Function	Used to check the total trouble (self diag) count and each trouble count. If the number of troubles is great, it is judged as necessary for repair. The trouble rate is obtained by dividing this count value by the total counter value. The trouble history can be also checked.	
				Operation/ Procedure	On the first screen, press the START button. The total number of troubles is displayed.	

Purpose	Section	Main code	Sub code	Description		Ref. page
Check	Trouble counter	22	3	Operation/ Procedure	SIMULATION NO. 22-3 TOTAL ERRORS:**,***,*** ← (TOTAL ERROR COUNT) --- 1 (Trouble code) ↓ * key ON *****,*****,*****,*****,***** *****,*****,*****,*****,***** 1/* ← (MAX NO. OF DISPLAY SCREENS) ↓ SCROLL KEY ON *****,*****,*****,*****,***** *****,*****,*****,*****,***** 2/* ↓ SCROLL KEY ON When a trouble occurs next, press "*" key, and the latest trouble codes (self diag) are displayed. The oldest history is deleted in sequence, and max. 127 histories are always stored. One screen displays max. 10 histories. If there are more than 10 histories, press the scroll key to go to the next screen.	

(Communication)

Purpose	Section	Main code	Sub code	Description		Ref. page
Setting	I/ F	27				

```
SIMULATION NO.27
INPUT 1~5

  1.DISABLING OF U7-00 TROUBLE.
  2.PC/MODEM NO SET.:TEL #
  3.PC/MODEM NO SET.:ID  #
  4.SERVICE START/END REPORT.
  5.TAG NUMBER SETTING.
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			1	Purpose/ Function	Used to set inhibition of copying with display of self diag (U7-00) in case of a communication trouble with the host computer/MODEM.	
				Operation/ Procedure	Enter the code number corresponding to the operation mode and press the START button to set the mode. If “1. NO” is selected, when a communication trouble occurs, self diag (U7-00) is displayed and copying is inhibited. If “0. YES” is selected, even when a communication trouble occurs, self diag (U7-00) is not displayed and copying is not inhibited. In either case, when a communication trouble occurs, the bi-directional data becomes invalid.	

```
SIMULATION NO.27-1
DISABLING OF U7-00 TROUBLE.
    0.YES         1.NO
```

Purpose	Section	Main code	Sub code	Description		Ref. page
			2	Purpose/ Function	Used to set and change the host computer/MODEM No. This setting is necessary for communication between the copy machine and the computer through the MODEM.	
				Operation/ Procedure	First, the copier must be connected to the host computer through the MODEM line. The first screen provides the selection of four kinds of host computers. Select the host computer to be set or changed with the 10-key pad and press the START button.	

```
SIMULATION NO.27-2
SELECT HOST NUMBER TO CHANGE DATA.
1.HOST-1    2.HOST-2    3.HOST-3    4.HOST-4
```

Purpose	Section	Main code	Sub code	Description		Ref. page
					Then the selection screen of four MODEM’s is displayed. Select the MODEM to be set or changed with the 10-key pad and press the START button. The currently set host computer MODEM No. is displayed.	

<table>
<tr><th>Purpose</th><th>Section</th><th>Main code</th><th>Sub code</th><th colspan="2">Description</th><th>Ref. page</th></tr>
<tr><td>Setting</td><td>I/ F</td><td>27</td><td>2</td><td>Operation/ Procedure</td><td>
<pre>
SIMULATION NO.27-2   [HOST-1]
SELECT TEL# TO CHANGE DATA.
 1.TEL#1   2.TEL#-2   3.TEL#-3   4.TEL#-4
</pre>
<p>To set newly or to change the setting, select “1. YES” and press the START button. The screen for input is displayed. Enter the MODEM No. with the 10-key pad and press the START button.</p>
<p>Max. 24 digits can be entered.</p>
<pre>
SIMULATION NO.27-2
HOST-n TEL#m ******* ****** ←(24 digits)
 --CHANGE DATA:1.YES 2.NO·······(B)
</pre>
<pre>
SIMULATION NO.27-2
HOST-n TEL#m :[∗];# [→];,;[P]
NEW DATA:******* ***** ←(24 digits)
</pre>
<p>Use the 10-key pad for entering numbers. For special characters, use the following keys:</p>
<p>∗: ∗ key, : P key</p>
<p>#: → key</p>
<p>The set MODEM number is displayed. (Setting can be checked.)</p>
<pre>
SIMULATION NO.27-2
HOST-n TEL#m:****** ***** ←(24 digits)
</pre>
<p>Data communication is possible with max. four computers. Each computer is able to have max. 4 MODEM lines. The data are stored in the memory in the MODEM of the copier.</p>
<p>(Note) Access is allowed only from the computers whose number is registered but this simulation.</p>
</td><td></td></tr>
<tr><td></td><td></td><td></td><td>3</td><td>Purpose/ Function</td><td>
<p>Used to set or change the copy machine and the host computer/MODEM ID No.</p>
<p>This setting is necessary for communication between the copier and a computer through the MODEM line.</p>
</td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td>Operation/ Procedure</td><td>
<p>First, the copier must be connected to the host computer through the MODEM line.
The first screen provides the selection of the copier ID No. or the host computer ID No.</p>
<p>Select the code of unit to be set or changed with the 10-key pad and press the START button.</p>
<pre>
SIMULATION NO.27-3
SELECT NUMBER TO CHANGE DATA.
1.PPC ID#   2.PC/MODEM ID#
</pre>
<p>The currently set ID No. is displayed.</p>
</td><td></td></tr>
</table>

Purpose	Section	Main code	Sub code	Description		Ref. page

Setting	I/ F	27	3	Operation/ Procedure	`SIMULATION NO.27-3`
					`PPC ID#:             X:[*], Y:[→]`
					`mmmmmmmmmm→nnnnnnnnnn`
					m···m: Currently set ID No.
					n···n: Newly entered ID No.
					(Note) ********** Already set number
					On the input screen, enter the ID No. with the 10-key pad and press the START button.
					Max. 10 digits can be entered.
					`SIMULATION NO.27-3`
					`PPC ID#:nnnnnnnnnn`
					n···n: Newly entered ID No.
					Set the host computer/MODEM ID No. in the same manner.
					To provide the protect function with the ID No., the special program is required.
					The data ae stored in the memory in the MODEM of the copier.
					(Note) Access is allowed only from the computers whose number is registered but this simulation.	

			4	Purpose/ Function	Used to input the service start time and the end time for servicing time management. This data can be checked by the host computer.	

				Operation/ Procedure	Select the service start time or the service end time with the 10-key pad and press the START button to set it. The time is stored in the memory in the MODEM.
					`SIMULATION NO.27-4`
					`1.SERVICE START.`
					`2.SERVICE END.`
					When the host computer receives the data normally, the following message is displayed. The copier sends the command of service start to PC/MODEM.
					`SIMULATION NO.27-4`
					`SERVICE START.`
					When the PC/MODEM receives the command normally, the following message is displayed.
					`SIMULATION NO.27-4`
					`SERVICE START.`
					`complete···`	

Purpose	Section	Main code	Sub code	Description		Ref. page

Setting	I/ F	27	4		(Service end)
					When “2” is selected, the following message is displayed and the copier sends the service command to the PC/MODEM.
					`SIMULATION NO.27-4`
					`SERVICE END.`
					When the PC/MODEM receives the command normally, the following message is displayed.
					`SIMULATION NO.27-4`
					`SERVICE END.`
					`Complete･･･`	

			5	Purpose/ Function	Used to input the machine tag No. This function allows the host computer to check the machine tag No.	

				Operation/ Procedure	On the input screen, enter the tag No. with the 10-key pad and press the START button.
					Max. 8 digits can be entered.
					`SIMULATION NO.27-5`
					`PRESENT TAG#:********`
					`NEW TAG#    :********`
					It is advisable to record the ROM tag No. and the machine SER No. for use in servicing.
					The data are stored in the memory in the MODEM of the copier.
					`SIMULATION NO.27-5`
					`TAG#:********`	

(Others)

Purpose	Section	Main code	Sub code	Description		Ref. page
Check	User program	22		SIMULATION NO.22 INPUT 1~6 1.COUNTER DATA DISPLAY. 2.JAM COUNTER DATA DISPLAY. 3.ERROR COUNTER DATA DISPLAY 4.KEY OPERATOR CODE DISPLAY. 5.ROM VERSION DATA DISPLAY.		
			4	Purpose/ Function	Used to display the key operator code. Use this simulation when the customer forgets the key operator code.	
				Operation/ Procedure	(Note) Though this simulation is used when the customer forgets the key operator code, do not let the customer know this simulation. SIMULATION NO.22–4 KEY OPERATOR CODE:*****	

(Troubles)

Purpose	Section	Main code	Sub code	Description		Ref. page
Trouble cancel	Battery (Main control PWB)	13		Purpose/ Function	Used to cancel the self diag “U1” trouble.	
				Operation/ Procedure	After canceling the trouble, the simulation is automatically canceled.	
	General troubles	14		Purpose/ Function	Used to cancel the general troubles other than self diag H3 and H4.	
				Operation/ Procedure	After canceling the trouble, the simulation is automatically canceled.	
	Paper feed tray	15		SIMULATION NO.15 TRAY1:** TRAY2:** TRAY3:** TROUBLE CODE 00:NO TROUBLE 01:PT DISK TROUBLE 02:TRAY UP TROUBLE 04:TRAY DOWN TROUBLE		
				Purpose/ Function	Used to cancel the self diag “F3” trouble.	
				Operation/ Procedure	The trouble code corresponding to the trouble content is displayed. Press the START button to cancel the trouble. When the trouble is canceled, this simulation is also canceled automatically.	
	Memory	16		Purpose/ Function	Used to cancel the self diag “U2” trouble.	
				Operation/ Procedure	After canceling the trouble, the simulation is automatically canceled.	
	Communication	17		Purpose/ Function	Used to cancel the self diag “PF” (inhibition of copying by the host computer).	
				Operation/ Procedure	After canceling the trouble, the simulation is automatically canceled.	

[8] RADF UNIT TEST FUNCTIONS

1. General

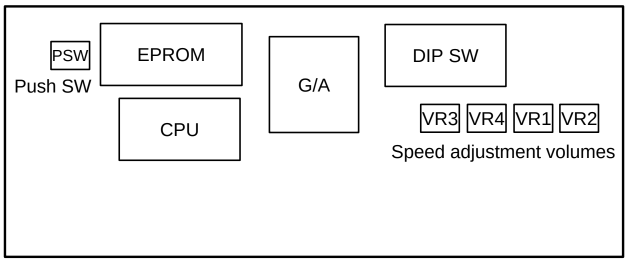
The RADF unit adjustment and operation test can be made by using the push switch and DIP switch on the RADF control PWB.

2. Test mode operating procedure

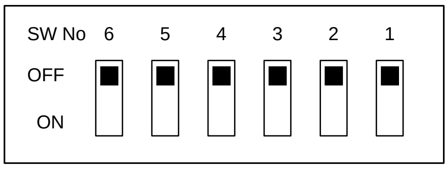
1) With the push switch on the RADF control PWB turned ON, supply the power.
2) Set the DIP switch on the RADF control PWB to the desired test or adjustment mode.
3) Open and close the RADF unit paper exit cover to register the mode set in 2).
   To change the operation mode, set the DIP switch to the desired mode and open and close the RADF unit paper exit cover.
4) Press the push switch on the RADF control PWB to operate the mode set in 2).

3. Operation panel

(Control PWB)



(DIP switch)



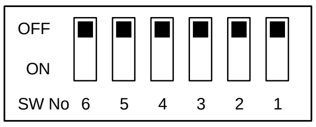
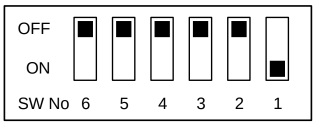
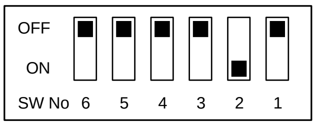
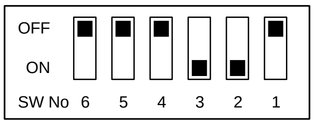
(Normally set all the switches to OFF.)

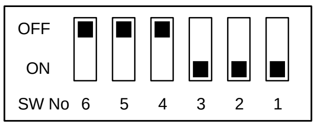
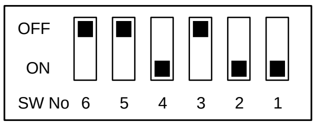
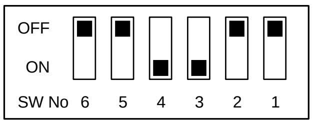
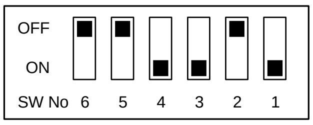
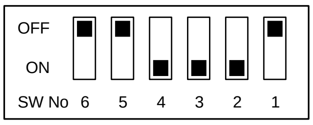
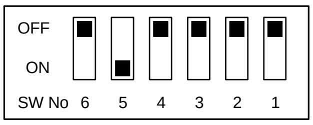
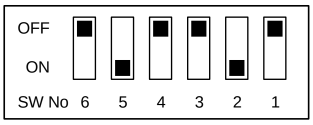
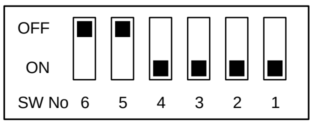
(Destination setting)

This setting is valid only in the test mode, and has no effects on the operation in the copy mode.

DIP switch 6	DIP switch 5	Destination
OFF	OFF	Inch series
OFF	ON	Europe, U.K.
ON	OFF	Australia
ON	ON	Japan

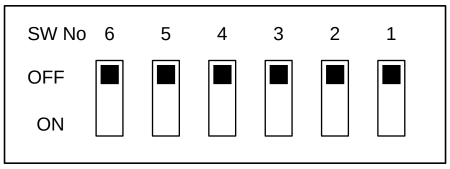
4. Test mode list

DIP switch setting	Function/operation	(∗) SIM of same function
	Single paper pass mode (In the case of the thin film mode, DIP switch 6 is also ON.) Press the push switch, and the original on the paper feed tray will be passed through.	
	Duplex paper pass mode Press the push switch, and the original on the paper feed tray will be passed through.	
	Single paper step pass mode (In the case of the thin film mode, DIP switch 6 is also ON.) Press the push switch, and the original on the paper feed tray will be passed through.	
	Individual load check mode (Motor system) Every time when the push switch is pressed, the actuator will be turned on/off repeatedly.	SIM2-3

DIP switch setting	Function/operation	(∗) SIM of same function
	Individual load check mode (Solenoid system) Every time when the push switch is pressed, the actuator will be turned on/off repeatedly.	SIM2-3
	All sensors adjustment mode When the push switch is pressed, the detection level of each sensor will be automatically adjusted. Check that there is no original at each sensor position and that the paper exit cover is closed in advance to this adjustment.	SIM53-3
	E^2PROM initializing mode When the push switch is pressed, E^2PROM will be initialized. After the sensor adjustment, data of original stop position, etc are written into the E^2PROM. By performing this function, all data are cleared. After completion of this function, be sure to set all other adjustments.	
	Single aging mode When the push switch is pressed, aging without paper will be performed.	SIM2-1 (1)
	Duplex aging mode When the push switch is pressed, aging without paper will be performed.	SIM2-1 (2)
	Single paper pass mode (thin paper) When the push switch is pressed, the original on the paper feed tray will be passed.	
	Single step paper pass mode (thin paper) When the push switch is pressed, the original on the paper feed tray will be passed.	
	Transport motor rotating sensor phase adjustment mode When the push switch is pressed, the transport motor will be turned on/off.	

(∗) Some functions of the RADF test can be performed with simulations. Either one of them may be used.

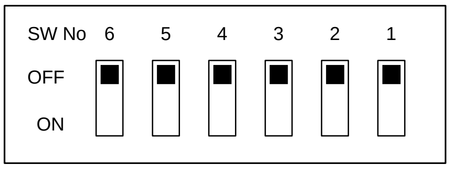
(Setting for normal copy mode)



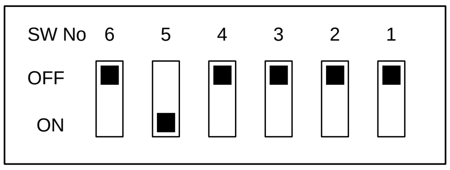
5. Details

① Signal normal paper pass mode, single normal paper pass mode
(normal paper/thin film mode)

Normal paper mode setting

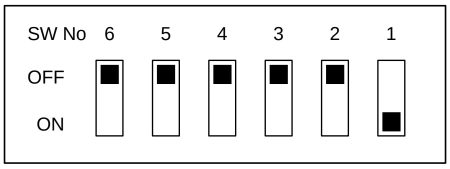


Thin paper mode setting



When originals are set on the tray, the original feed LED is lighted. When the push switch is pressed, all the originals on the paper feed tray are fed. In case of a paper jam, the original remaining LED is lighted. The paper jam is canceled by opening and closing the paper exit cover after removing the jam.

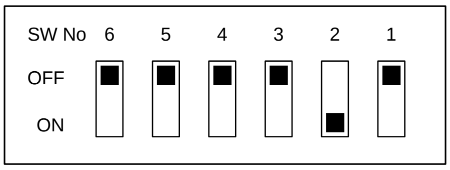
② Duplex normal paper mode



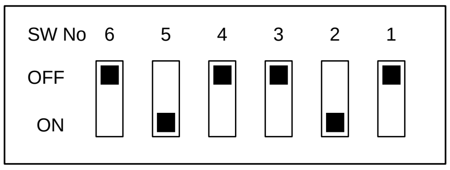
When originals are set on the tray, the original feed LED is lighted. When the push switch is pressed, all the originals on the paper feed tray are fed. In case of a paper jam, the original remaining LED is lighted. The paper jam is canceled by opening and closing the paper exit cover after removing the jam.

③ Single paper step pass mode (normal/thin paper mode)

Normal paper mode setting



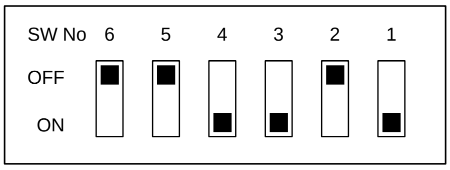
Thin paper mode setting



When originals are set on the tray, the original feed LED is lighted. When the push switch is pressed, all the originals on the paper feed tray are fed. In case of a paper jam, the original remaining LED is lighted. The paper jam is canceled by opening and closing the paper exit cover after removing the jam.

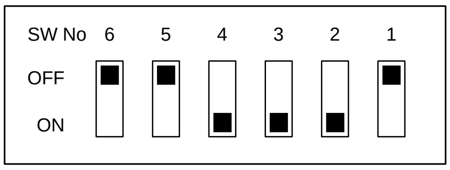
④ Single aging mode

When the push switch is pressed, aging will be started. The operating timing is determined for each original size by the original side detection on the original feed tray. The operation is stopped by opening and closing the paper exit cover.

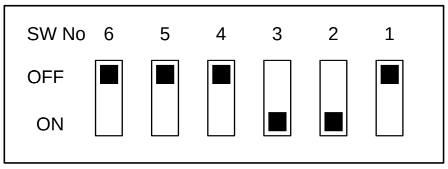


⑤ Duplex aging mode

When the push switch is pressed, aging will be started. The operating timing is determined for each original size by the original side detection on the original feed tray. The operation is stopped by opening and closing the paper exit cover.



⑥ Load check mode (Motor system)



When the push switch on the PWB is pressed, the operation of 1-7 and stopping are repeated alternatively.

In case of an error such as the motor lock error, the original remaining LED blinks at low speed. The motor lock error is canceled by opening/closing the paper exit cover.

① Paper feed motor reverse rotation (pick-up roller falling)

② Paper feed motor forward rotation (resist roller rotation)

③ Transport motor forward rotation

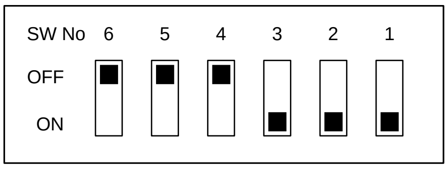
④ Transport motor reverse rotation

⑤ Transport motor forward rotation
Electromagnetic clutch ON

⑥ Paper exit motor high speed drive

⑦ Paper exit motor low speed drive

⑦ Load check mode (Solenoid system)



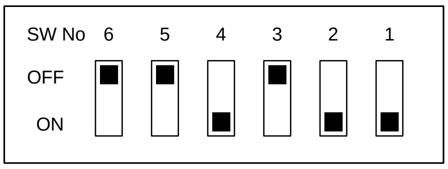
Every time when the push switch on the PWB is pressed, the operation of 1-7 and stopping are repeated alternatively.

① Original stopper solenoid ON

② Flapper solenoid ON

③ Electromagnetic clutch ON

⑧ Sensor adjustment mode



When the push switch is pressed, each sensor adjustment is performed. The original feed LED and the original remaining LED blink alternatively.

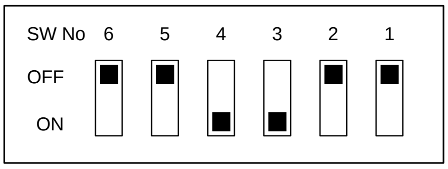
When the test is completed normally, the two LED's are lighted.

LED display in the sensor adjustment

	Original remaining LED	Original feed LED
Normal end	ON	ON
Resist sensor error	OFF	Blink
Timing sensor error	Blink	OFF
Paper expulsion sensor	OFF	OFF
Size sensor error	Blink	Blink

⑨ E^{2}PROM initializing mode

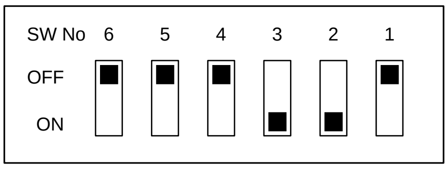
In the E^{2}PROM initializing mode, each sensor adjustment data and the stop position data are cleared. After initializing the E^{2}PROM, perform ① adjustment of sensors (resist sensor, timing sensor, paper expulsion sensor, size width sensor) and ② original stop position adjustment data.

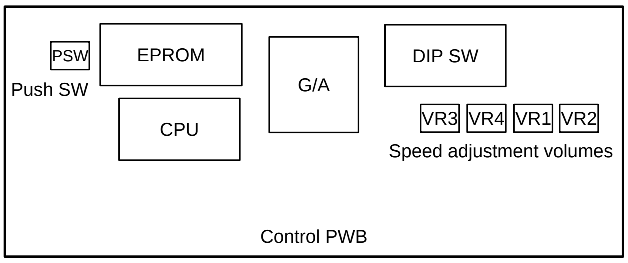


When the push switch is pressed, the E^{2}PROM is initialized. The original remaining LED and the original feed LED blink at a certain frequency. When the initializing is completed normally, the two LED's are lighted.

Incase of an error, two LED's are turned off.

⑩ Paper feed motor/paper exit motor speed adjustment mode

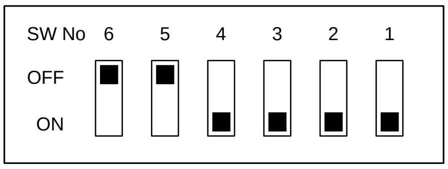




Every time when the push switch on the control PWB is pressed, the transport motor repeats starting and stopping. Keep pressing the push switch until the motor to be adjusted starts rotation. Then adjust the volume to adjust the speed.

Adjustment sequence	Volume	Adjustment mode
1 (Paper feed)	VR2	Paper feed motor: Forward rotation (resist roller rotation)
2 (Paper feed)	VR1	Paper feed motor: Reverse rotation (pick-up roller rotation)
1 (Paper exit)	VR4	Paper exit motor: Low speed rotation
2 (Paper exit)	VR3	Paper exit motor: High speed rotation

⑪ Transport motor lock sensor phase adjustment mode



Every time when the push switch on the control PWB is pressed, the transport motor repeats starting and stopping. While the transport motor is rotating, adjust the position of the transport motor sensor bracket (movable side) on the transport motor bracket so that two LED's on the RADF control PWB turn on.

[9] MAINTENANCE

In maintenance or servicing, the following items must be performed.

1) Parts (lubrication, grease up, replacement, cleaning)
2) Counter clear
3) Adjustments and setting

1. Maintenance timing and items

Perform maintenance according to the table below.

★ = Lubrication, grease up ○= Cleaning △ = Adjustment, setting ▲ = Replacement, installation □ = Re-positioning
✕ = Check (Adjust, adjust, clean, replace, lubricate, or grease up according to necessity.)

A. Parts replacement, cleaning, lubrication, grease up, installation, check

No.	Section	Parts				Maintenance item and timing						Remark
		No.	Unit	No.	Sub parts	When installing	When servicing	125K	250K	375K	500K	
1	Paper feed section	1	Manual paper feed unit	1	Rollers		✕	○	▲	○	▲	∗2
				2	Torque limiter				▲		▲	∗2
		2	Cassette paper feed unit	1	Rollers		✕	○	▲	○	▲	∗2
				2	Torque limiter				▲		▲	∗2
		3	No. 1, 2, 3 paper feed tray unit	1	Paper feed belt		✕	○	○	○	○	∗2
2	Paper transport section			1	Suction belt		○	○	○	○	○	Apply starting powder to the back of the belt.
				2	Rollers		○	○	○	○	○	
3	Image forming section	1	OPC drum unit	1	OPC drum	▲ ∗1	✕	✕	▲	✕	▲	Adjust the sensitivity level with SIM 26-7 at every replacement.
		2	Cleaning unit	1	Cleaning blade			▲	▲	▲	▲	Adjust the position again.
				2	Toner seal			○	▲	○	▲	
				3	Cleaner seal F			○	○	○	○	
				4	Cleaner seal R			○	○	○	○	
				5	Separation pawl			○	▲	○	▲	
				6	Image density sensor		✕	○	○	○	○	After cleaning, check the detection level and adjust if necessary.
		3	Main charger unit	1	Charger plate (saw teeth)	○		○	▲	○	▲	
				2	Screen grid	○	○	○	▲	○	▲	
		4	Pre-transfer charger unit	1	Charger wire (for pre-transfer)	○	○	○	▲	○	▲	
		5	Transfer, separation charger unit	1	Charger wire (for transfer/ separation)	○	○	○	▲	○	▲	
		6	Blank lamp unit				○	○	○	○	○	
		7	Discharge lamp unit				○	○	○	○	○	
		8	Others	1	OPC drum marking sensor		✕	○	○	○	○	After cleaning, check the detection level and adjust if necessary.
4	Developing section	1	Developing unit	1	Developer	▲		✕	▲	✕	▲	1.7kg. Set to the reference toner concentration level with SIM 25-2.
				2	Toner	▲						User supply
				3	DV seal			○	○	○	▲	
				4	DSD seal			○	○	○	○	
				5	DV seal F			○	○	○	○	
				6	DV seal R			○	○	○	○	

*1: Only for Europe.

*2: Check the copy count of each unit with SIM22-1 and perform the procedure according to the count value.

No.	Section	Parts				Maintenance item and timing						Remark
		No.	Unit	No.	Sub parts	When installing	When servicing	125K	250K	375K	500K	
5	Fusing section	1	Fusing unit	1	Upper heat roller			×	▲	×	▲	Replace after every 18 months even though the specified number of copies are not made.
				2	Lower heat roller			×	▲	×	▲	Replace after every 18 months even though the specified number of copies are not made.
				3	Upper main cleaning roller	▲		▲	▲	▲	▲	
				4	Upper sub cleaning roller	▲		▲	▲	▲	▲	(Japan only)
				5	Lower main cleaning roller	▲		▲	▲	▲	▲	
				6	Upper separation pawl			□	▲	□	▲	
				7	Lower separation pawl			□	▲	□	▲	
				8	Thermistor			○	○	○	▲	
				9	Heat roller gear			×	○	×	▲	
				10	Curl correction belt			○	○	○	○	
				11	Heat insulation collar			×	×	×	▲	
				12	Paper dust cleaning roller			×	○	×	▲	
				13	Paper dust cleaning roller felt			×	×	×	×	
				14	Rollers			○	○	○	○	
				15	Gears			×	★	×	★	
6	Optical section	1	No. 1 scanner unit	1	No. 1 mirror			○	○	○	○	
				2	Reflector			○	○	○	○	
				3	AE sensor			○	○	○	○	
				4	Copy lamp				▲		▲	
		2	No. 2 scanner unit	1	No. 2/3 mirror			○	○	○	○	
		3	No. 4/5 mirror unit	1	No. 4/5 mirror			○	○	○	○	
		4	Lens unit	1	Lens			○	○	○	○	
		5	Others	1	Dirt sensor			○	○	○	○	
				2	Filter			○	○	○	○	
				3	Drive wire				×		×	
				4	Reference reflection sheet			○	○	○	○	
				5	Scanner rail			×	★	×	★	
				6	No. 6 mirror			○	○	○	○	
7	Duplex wire section			1	Paper feed belt		○	○	○	○	○	∗2
				2	Rollers		×	○	○	○	○	∗2
				3	Sensor		×		×		×	∗2
				4	Discharge brushes			▲	▲	▲	▲	∗2
8	Paper exit section			1	Rollers		○	○	○	○	○	
9	Switchback section			1	Rollers		○	○	○	○	○	
10	RADF section			1	Pick-up roller			○	○	▲	○	∗2
				2	Paper feed roller			○	○	▲	○	∗2
				3	Separation roller			○	○	▲	○	∗2
				4	Transport roller			○	○	○	○	∗2
				5	Other rollers			○	○	○	○	∗2
				6	Sensors			○	○	○	○	Adjust with SIM 53-3. ∗2
				7	Shafts						○	∗2
				8	Gear			×	×	×	○	∗2
				9	Clutch spring shaft						★	∗2
11	Drive section			1	Gears				★		★	
12	Others	1	Document glass	1	Document glass	○	○	○	○	○	○	
				2	Waste toner bottle			▲	▲	▲	▲	
				3	Ozone filters			×	○	×	▲	
				4	Document size sensor		×	×	×	×	○	Adjust with SIM 44-2.

B. Adjustments

No.	Section	No.	Parts	Unit	Sub parts			Maintenance item and timing						Remark
								When installing	When servicing	125K	250K	375K	500K	
1	Paper feed section	A	Air pressure check and adjustment	(1)	No. 1 paper feed tray	a	Suction air pressure check and adjustment		×	×	×	×	△	∗2
						b	Blower air pressure check							
				(2)	No. 2 paper feed tray	a	Suction air pressure check and adjustment							
						b	Blower air pressure check							
				(3)	No. 3 paper feed tray	a	Suction air pressure check and adjustment							
						b	Blower air pressure check							
2	Optical section	A	Parts installing position adjustment	(1)	Scanner drive wire tension adjustment					×	×	×	△	
		B	Copy quality adjustment	(1)	Image distortion adjustment	a	Horizontal image distortion adjustment							
						b	Vertical image distortion balance adjustment							
						c	Vertical image distortion adjustment							
				(2)	Copy image center position adjustment	a	When manual paper feed unit is used	×	×	×	×	×	△	
						b	When paper feed cassette is used							
						c	When paper feed tray unit is used							
						d	When duplex unit is used							
						e	RADF copy mode							
						f	All copy modes							
				(3)	Focus adjustment	1	Focus adjustment input	×	×	×	×	×	△	
						a	Normal copy focus adjustment input							
						b	Enlargement copy focus adjustment input							
						c	Reduction copy focus adjustment input							
						2	Focus adjustment							
						a	Normal copy focus adjustment							
						b	Enlargement copy focus adjustment							
						c	Reduction copy focus adjustment							
				(4)	Vertical copy magnification ration adjustment	1	Vertical copy magnification ratio adjustment input			×	×	×	△	
						a	Vertical copy magnification ratio adjustment input (Normal)							
						b	Vertical copy magnification ratio adjustment input (Enlargement)							
						c	Vertical copy magnification ratio adjustment input (Reduction)							
						2	Vertical copy magnification ratio adjustment							
						a	Vertical copy magnification ratio adjustment (Normal)							
						b	Vertical copy magnification ratio adjustment (Enlargement)							
						c	Vertical copy magnification ratio adjustment (Reduction)							
				(5)	Horizontal (paper transport direction) copy magnification ratio adjustment					×	×	×	△	
				(6)	Uniformity adjustment			×	△	△	△	△	△	

No.	Section	No.	Parts	Unit	Sub parts			Maintenance item and timing						
								When installing	When servicing	125K	250K	375K	500K	Remark
2	Optical section	B	Copy quality adjustment	(7)	Image loss void area adjustment	a	Image lead edge reference position adjustment	×	△	△	△	△	△	
						b	Resist roller ON timing adjustment							
						c	Brake clutch OFF timing adjustment							
						d	Copy lead edge void adjustment							
						e	Back copy rear edge void adjustment							
				(8)	Blank lamp position adjustment					×	×	×	×	
3	Image forming section	A	OPC drum unit	(1)	OPC drum sensitivity setting			△			△		△	Every time when OPC drum is replaced, set the sensitivity level with SIM26-7.
		B	Charger unit	(1)	Transfer charger current adjustment				×	×	×	×	△	
				(2)	Pre-transfer discharging charger current adjustment									
				(3)	Main charger current balance adjustment	a	Manual copy mode main charger current balance adjustment							
				(4)	Main charger voltage adjustment	a	Manual copy mode main charger voltage adjustment							
						b	Photo copy mode main charger voltage adjustment							
						c	Toner save mode main charger voltage adjustment							
				(5)	Separation charger voltage adjustment									
		C	Cleaner unit	(1)	Cleaning blade position adjustment				×	△	△	△	△	After replacing, cleaning, disassembling, and assembling the cleaning blade, adjust it.
		D	Image density sensor sensitivity adjustment					×	×	△	△	△	△	After replacing or cleaning the sensor, adjust it.
		E	Drum mark sensor sensitivity adjustment					×	×	△	△	△	△	After replacing or cleaning the sensor, adjust it.
4	Developing section	A	Developing unit	(1)	Developing bias voltage adjustment				×	×	×	×	△	
				(2)	Toner concentration adjustment			△			△		△	Every time when developer is replaced, set the toner concentration level with SIM 25-2.
5	Duplex section	A	Air pressure check and adjustment			a	Suction air pressure check and adjustment			×	×	×	△	∗2
						b	Blower air pressure check and adjustment							
6	RADF section	A	RADF skew adjustment						×	×	×	×	△	∗2
		B	RADF unit clearance adjustment						×	×	×	×	△	∗2

No.	Section	No.	Parts	Unit	Sub parts			Maintenance item and timing						Remark
								When installing	When servicing	125K	250K	375K	500K	
6	RADF section	C	Sensor sensitivity adjustment	(1)	Resist sensor sensitivity adjustment				△	△	△	△	△	∗2
				(2)	Timing sensor sensitivity adjustment									
				(3)	Paper exit sensor sensitivity adjustment									
				(4)	Paper width sensor sensitivity adjustment									
		D	Document stop position adjustment	(1)	Normal paper surface mode document stop position adjustment				×	△	△	△	△	∗2
				(2)	Normal paper back mode document stop position adjustment									
				(3)	Thin paper surface mode document stop position adjustment									
				(4)	Thin paper back mode document stop position adjustment									
				(5)	Normal paper step mode document stop position									
				(6)	Thin paper step mode document stop position adjustment									
7	Document table	A	Document size sensor adjustment						×	△	△	△	△	
8	Copy density adjustment	A	AE sensor characteristics input					×	△	△	△	△	△	
		B	Copy density adjustment with SIM 46	(1)	Non-toner save mode	a	Manual copy mode copy density adjustment	×	△	△	△	△	△	No need to adjust when automatic copy density adjustment is used. (When SIM 44-1 is set to (127).)
						b	Photo copy mode copy density adjustment							
						c	Auto copy mode copy density adjustment							
				(2)	Toner save mode	a	Manual copy mode copy density adjustment							
						b	Auto copy mode copy density adjustment							
		C	Auto density adjustment (Automatically performed when warming up after turning on the power.)	(1)	Non-toner save mode	a	Manual copy mode copy density adjustment	×	△	△	△	△	△	Automatically adjusted by turning OFF/OF the power.
						b	Photo copy mode copy density adjustment							
						c	Auto copy mode copy density adjustment							
				(2)	Toner save mode	a	Manual copy mode copy density adjustment							
						b	Auto copy mode copy density adjustment							

C. Counter clear

No.	Item	Maintenance timing						Method	Remark
		When installing	When servicing	125K	250K	375K	500K		
1	Maintenance counter			◎	◎	◎	◎	SIM20	
2	Developer counter			◎	◎	◎	◎	SIM42	Every time when replacing developer
3	OPC drum correction counter				◎		◎	SIM24-7	Every time when replacing the OPC drum
4	Misfeed counter			◎	◎	◎	◎	SIM24-1	
5	Trouble counter			◎	◎	◎	◎	SIM24-2	

D. Photoconductor, developer, toner, maintenance kit

Overhaul table (Recommendable replacement parts list) - EX

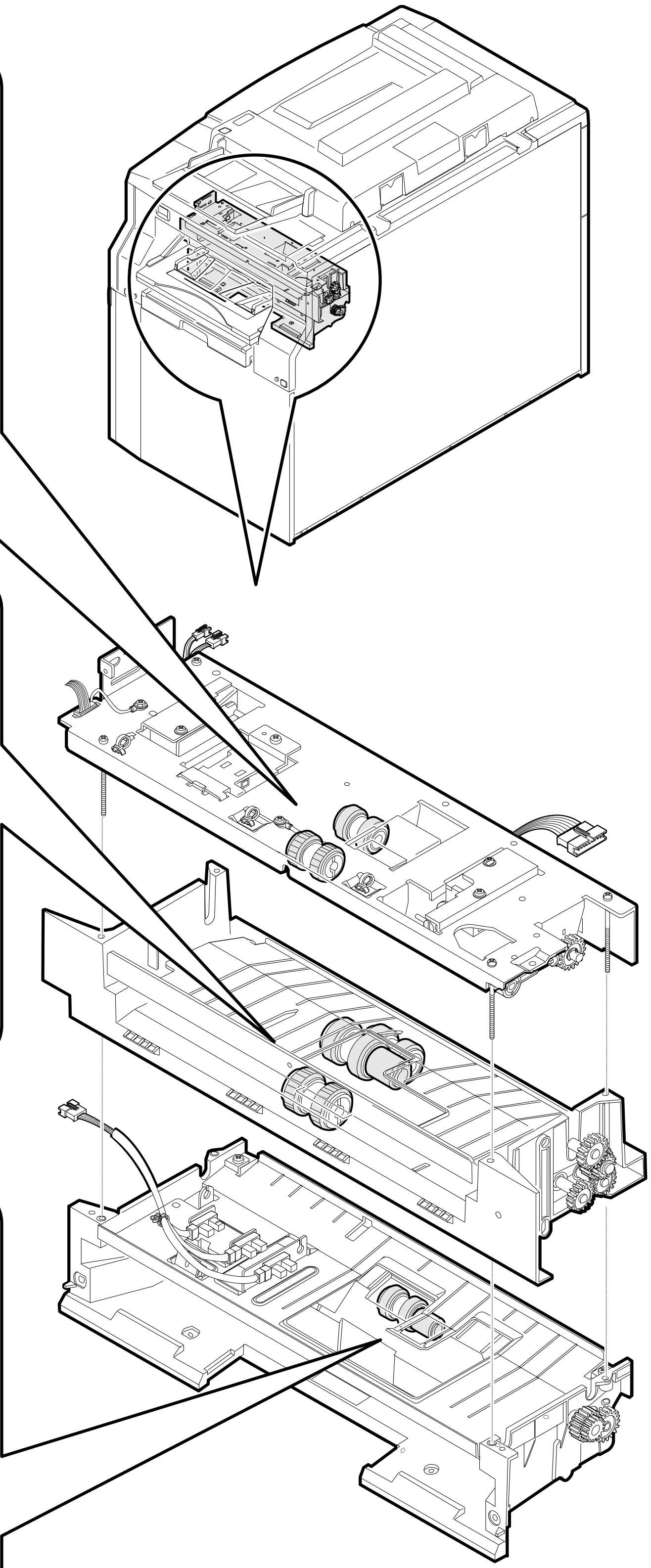
Section	Parts				Replacement timing				Remark
	No.	Unit	No.	Sub parts	1500k	3000k	4500k	6000k	
Developing	1	Developing unit			▲	▲	▲	▲	
Drive	1	OPC drum, developing drive unit				▲		▲	
	2	Paper feed drive unit				▲		▲	
	3	Paper transport drive unit				▲		▲	
	4	Paper feed drive unit				▲		▲	
	5	Fusing drive unit			▲	▲	▲	▲	
Fusing	1	Fusing unit		Gear, Curl correction belt, Heater lamp, Paper guide		▲		▲	Japan 15A specification
						▲		▲	Japan 20A specification
						▲		▲	110V specification
						▲		▲	120V specification
						▲		▲	127V specification
						▲		▲	220V specification
						▲		▲	240V specification (Australia/U.K.)
						▲		▲	240V specification
Image forming	1	Pre-transfer discharger unit				▲		▲	
	2	Main charger unit				▲		▲	
	3	Transfer/separation charger unit			▲	▲	▲	▲	
			1	Cleaning brush	▲	▲	▲	▲	
Optical			1	Scanner drive pulley		▲		▲	
			2	Scanner drive wire		▲		▲	
			3	Scanner slider		▲		▲	
Paper transport			1	Transport roller clutch	▲	▲	▲	▲	
			2	Brake clutch	▲	▲	▲	▲	
			3	Suction belt (paper transport section)	▲	▲	▲	▲	
RADF			1	Original transport belt (RADF)	▲	▲	▲	▲	
			2	Transport belt clutch (RADF)	▲	▲	▲	▲	
Toner hopper			1	Toner supply roller	▲	▲	▲	▲	

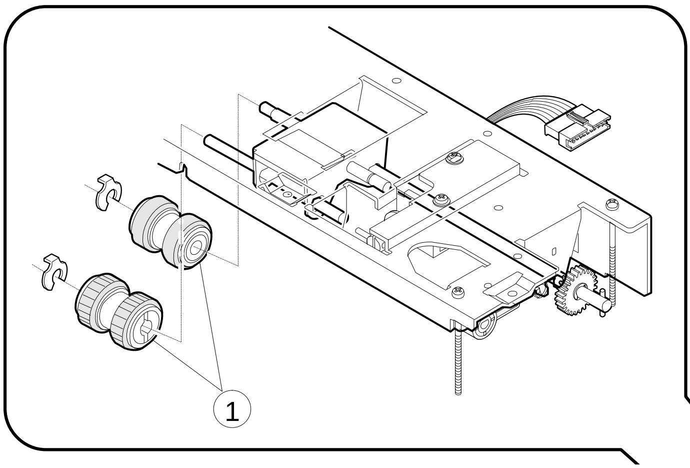
When performing an overhaul, replace the maintenance parts as well as the parts listed in the above and perform necessary procedures of maintenance.

The above list shows a reference (recommendation). Replace parts as required according to the machine conditions.

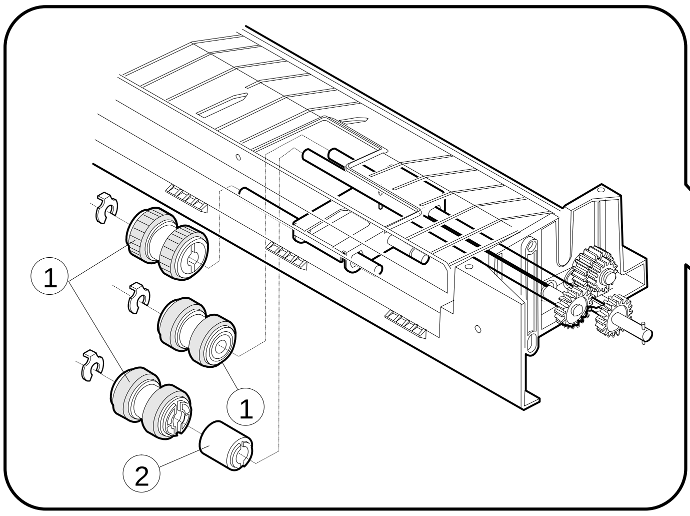
2. Parts replacement, cleaning, lubrication, grease up

(1) Paper feed section

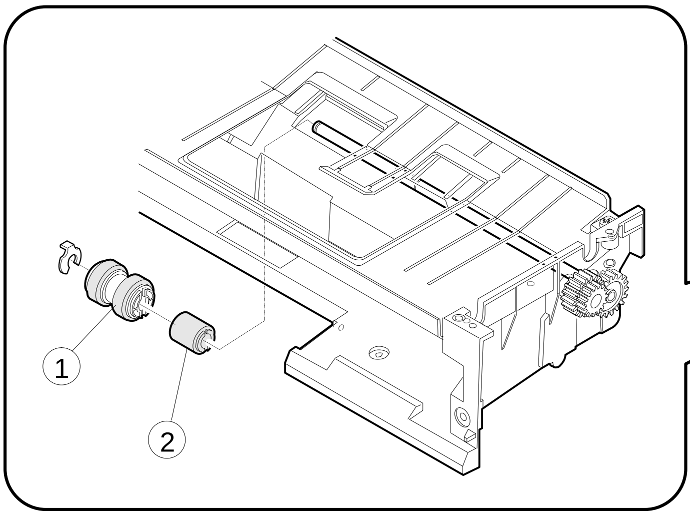




	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Rollers		×	○	▲	○	▲	



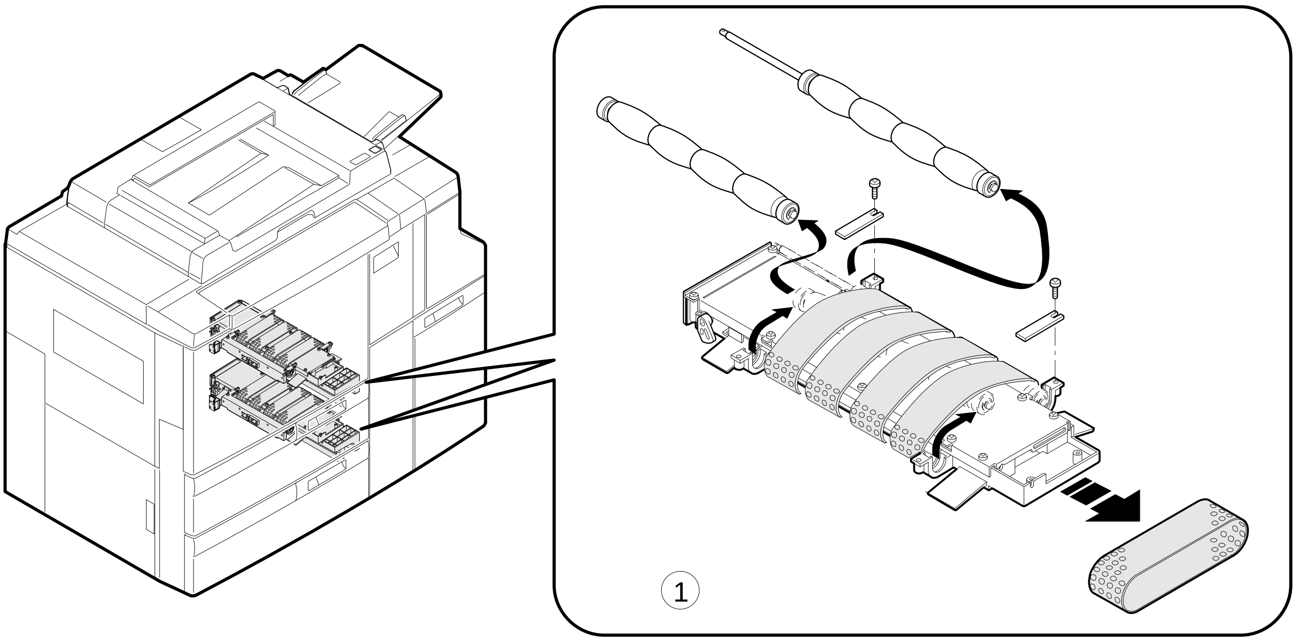
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Rollers		×	○	▲	○	▲	
②	Torque limiter				▲		▲	

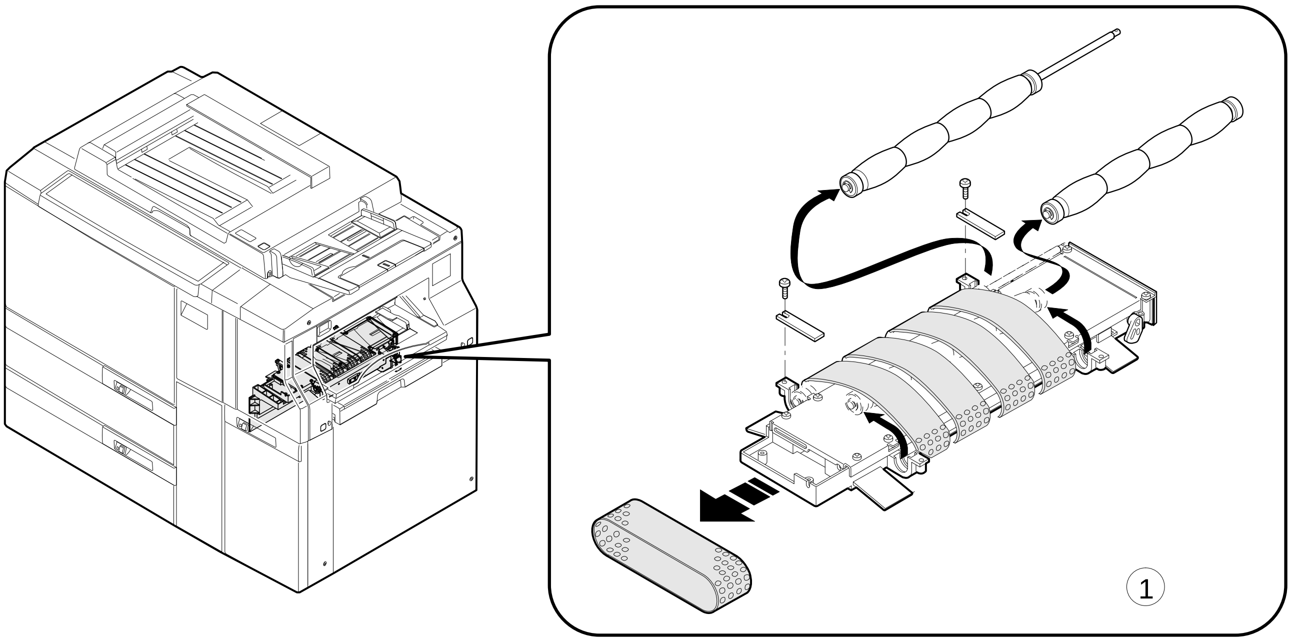


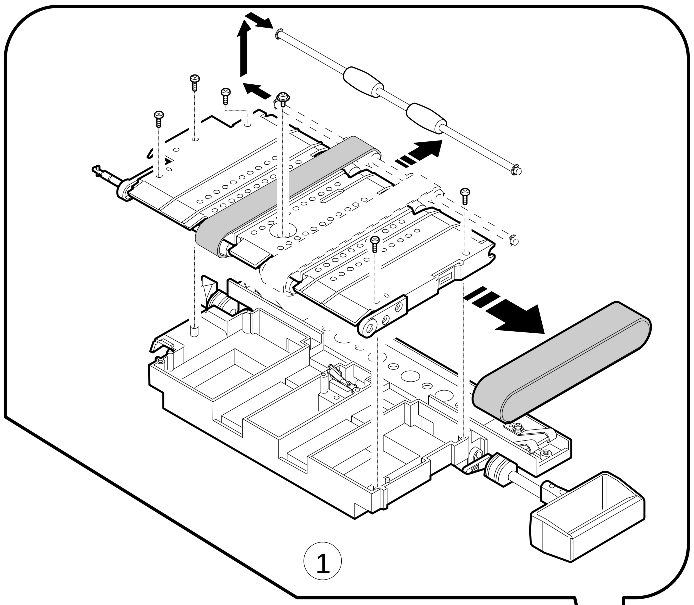
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Rollers		×	○	▲	○	▲	
②	Torque limiter				▲		▲	

(2) Paper transport section

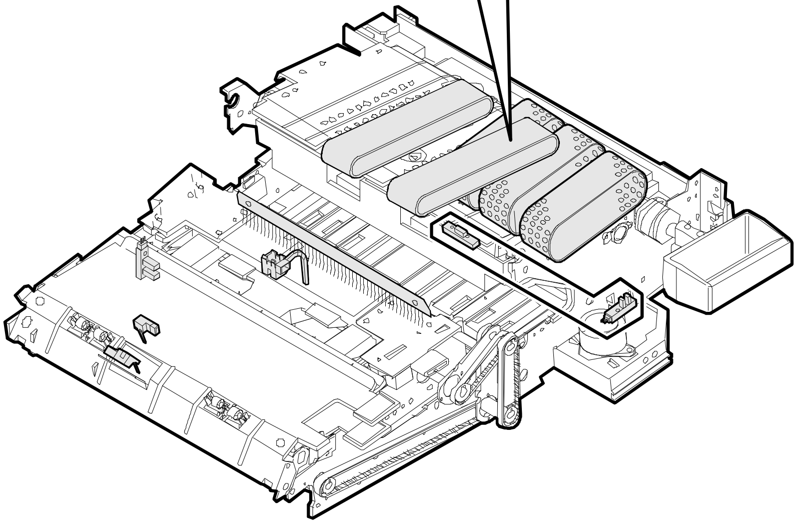
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Paper feed belt		×	○	○	○	○	

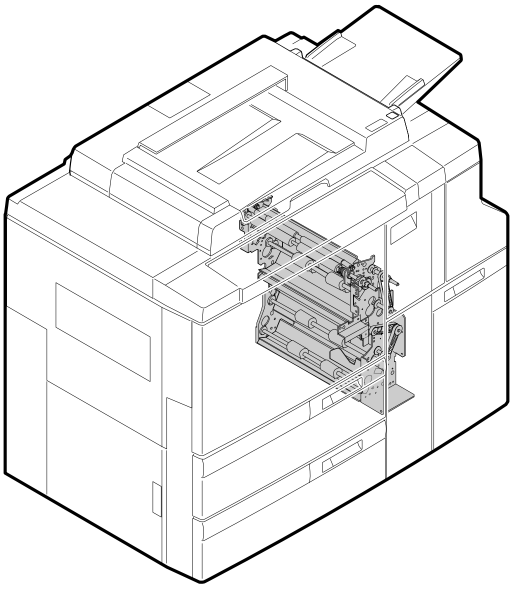


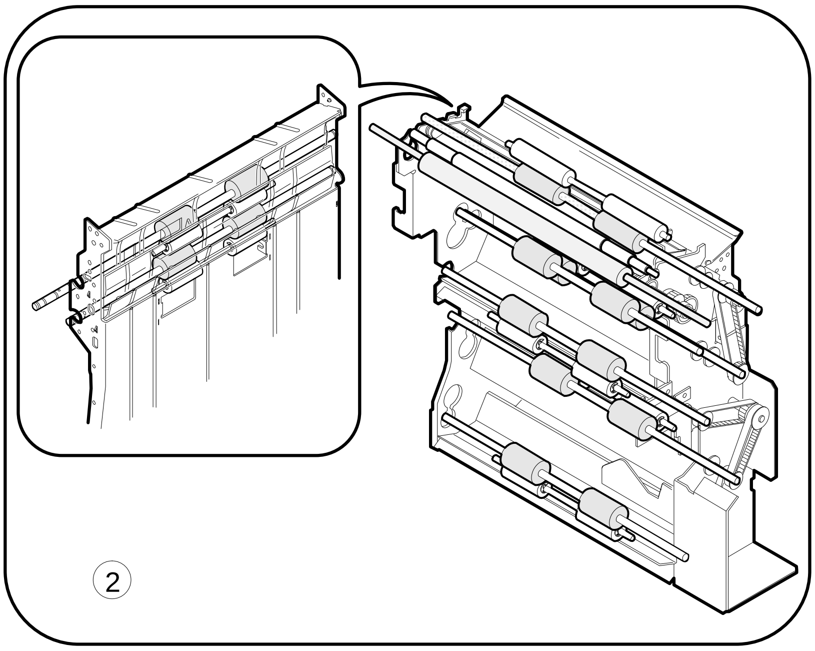




	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Suction belt		○	○	○	○	○	Apply starting powder to the back of the belt.

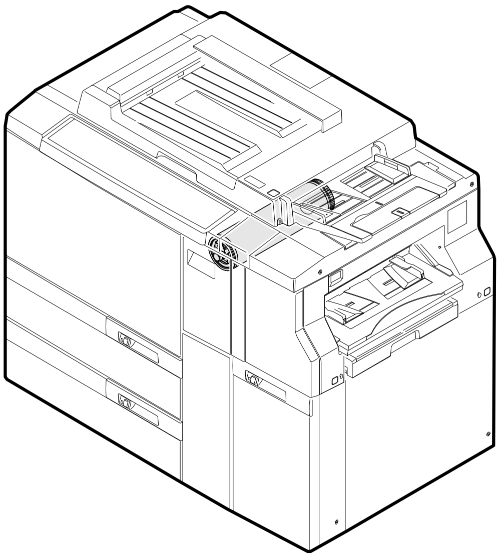


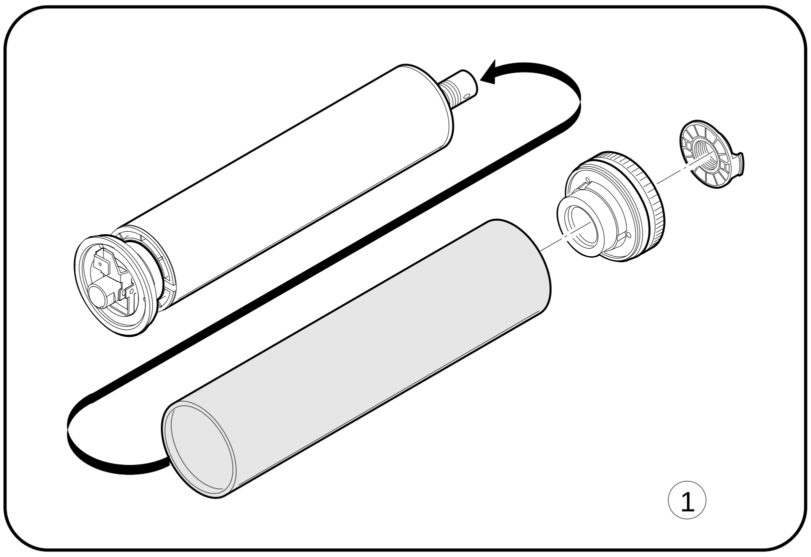




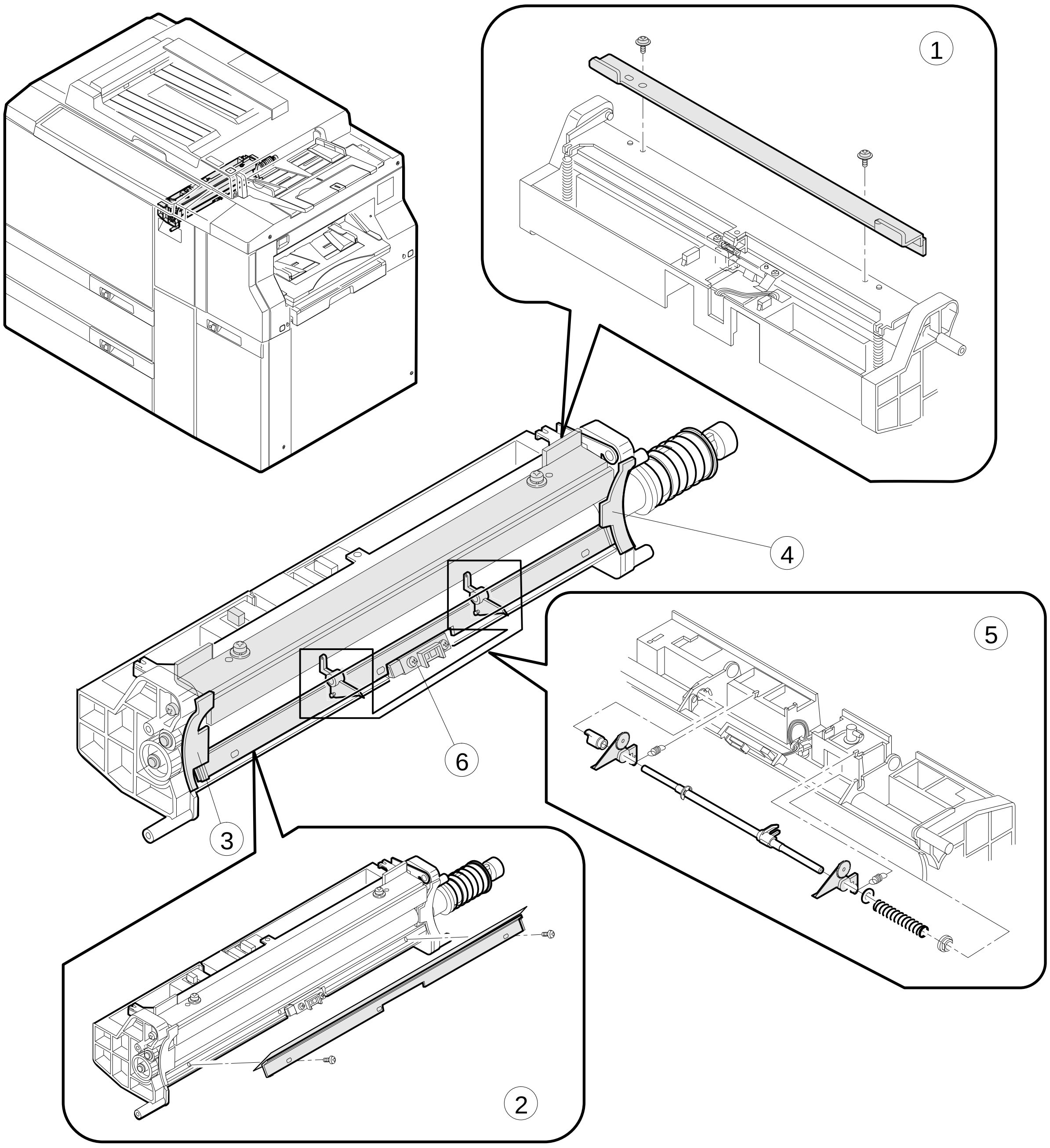
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Rollers		○	○	○	○	○	

(3) Image forming section

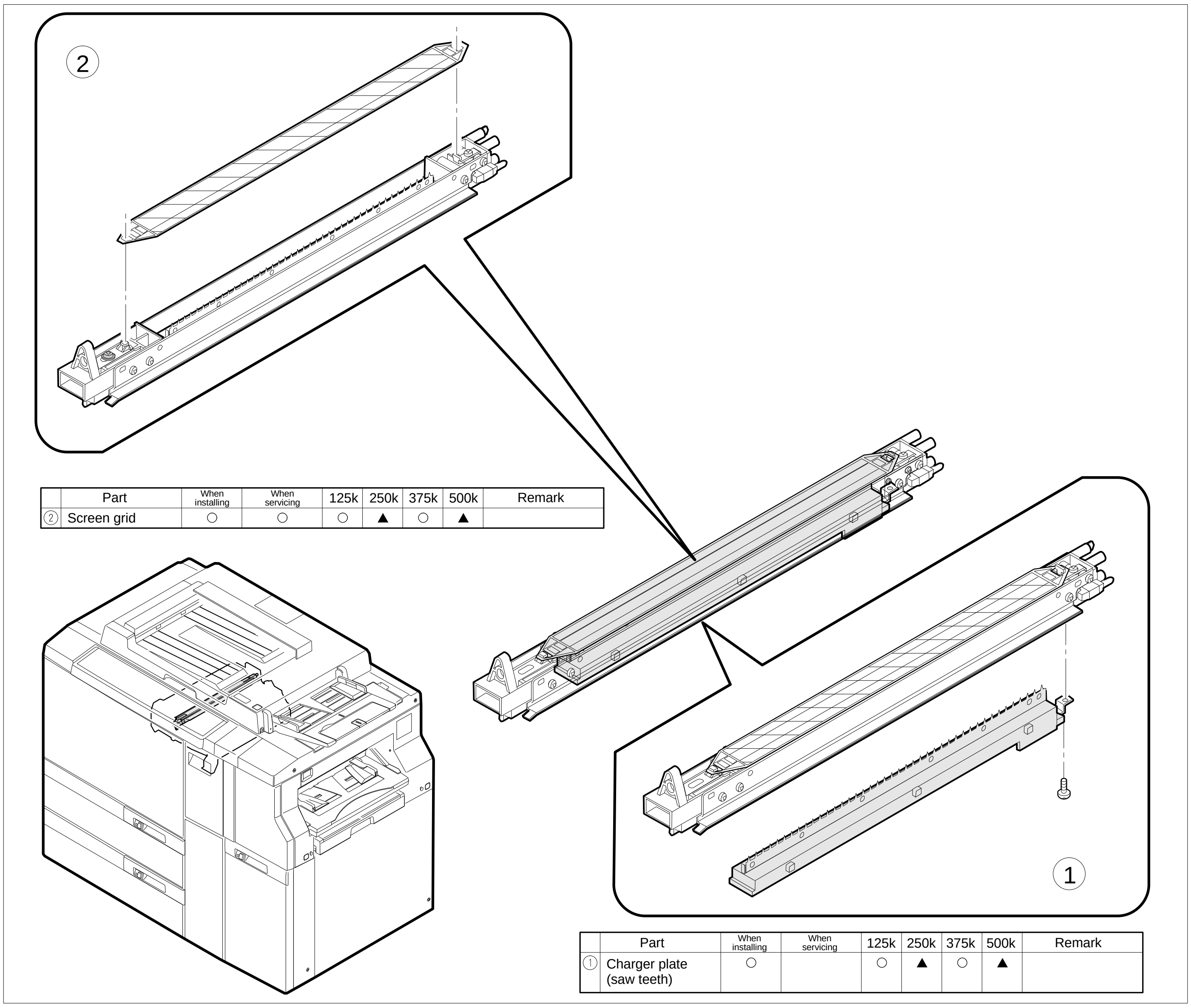




	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	OPC drum	▲ *	×	×	▲	×	▲	Set the sensitivity level with SIM26-7 at every replacement.

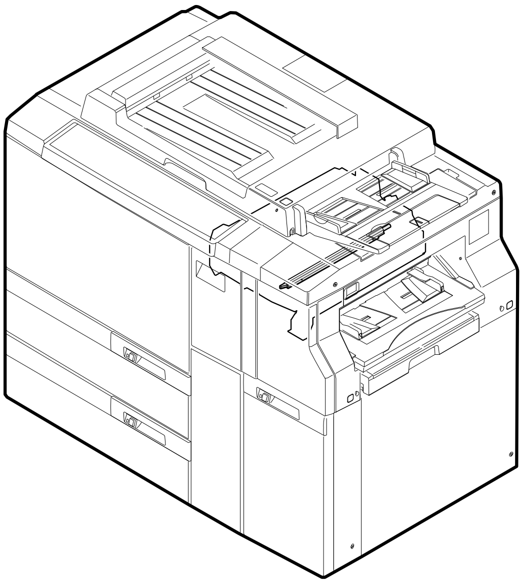


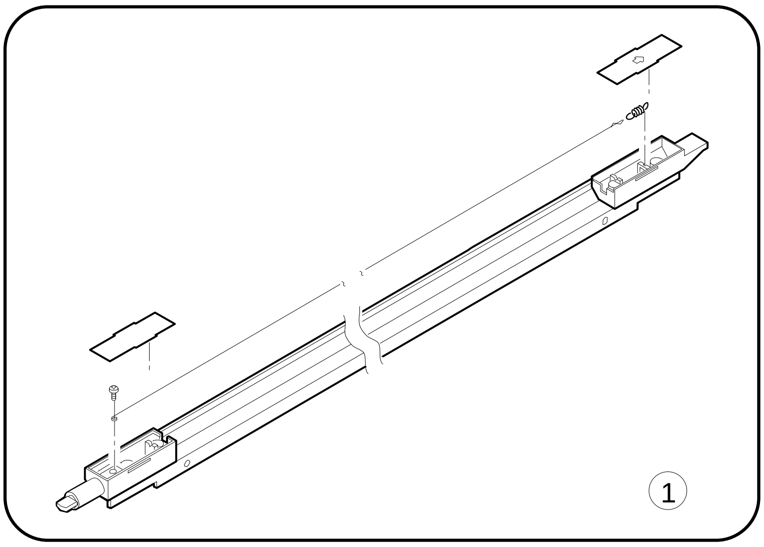
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Cleaning blade			○	○	○	○	Adjust the position.
②	Toner seal			○	▲	○	▲	
③	Toner seal F			○	○	○	○	
④	Toner seal R			○	○	○	○	
⑤	Separation pawl			○	▲	○	▲	
⑥	Image density sensor		×	○	○	○	○	After cleaning, check the detection level and adjust if necessary.



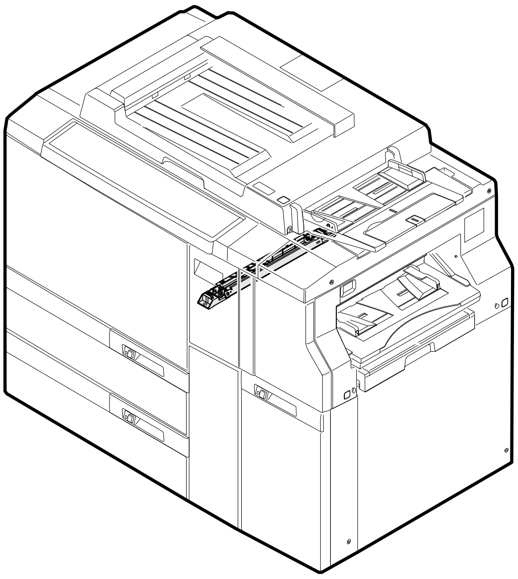
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
②	Screen grid	○	○	○	▲	○	▲	

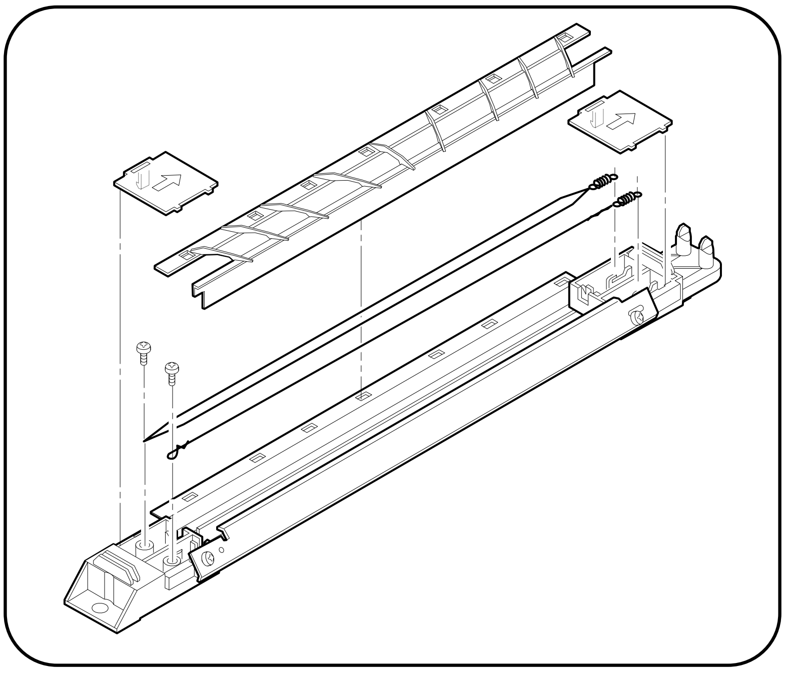
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Charger plate (saw teeth)	○		○	▲	○	▲	



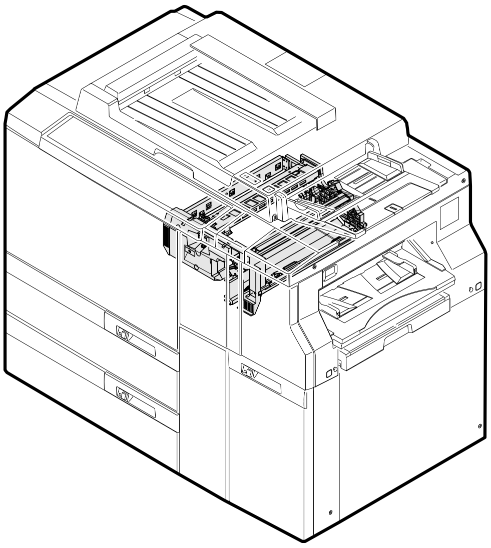


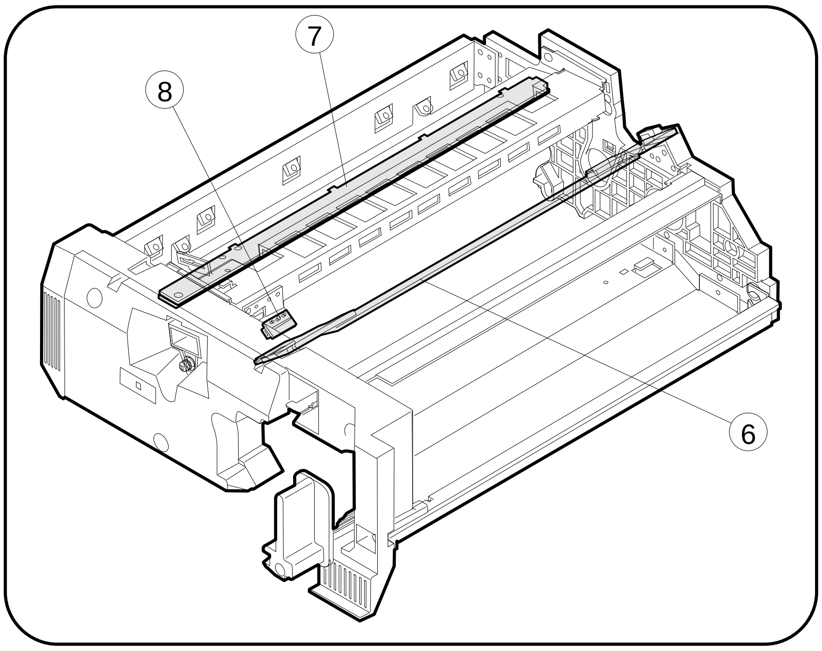
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Charger wire (for pre-transfer)	○	○	○	▲	○	▲	





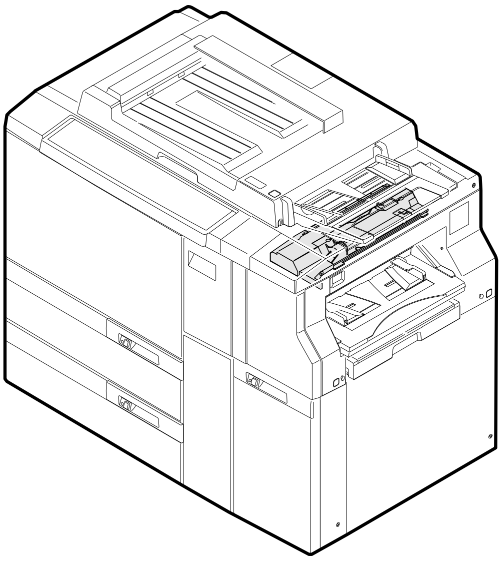
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Charger wire (for transfer/separation)	○	○	○	▲	○	▲	

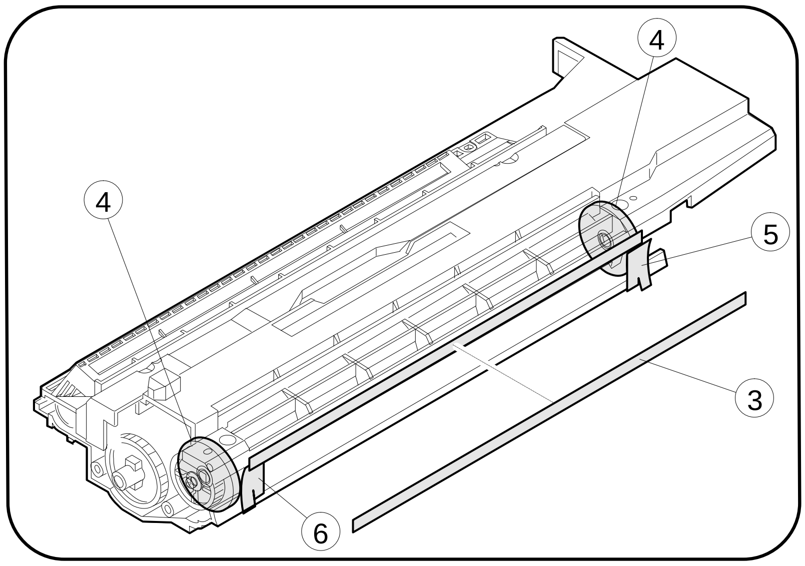




	Part	When installing	When servicing	125k	250k	375k	500k	Remark
⑥	Blank lamp unit		○	○	○	○	○	
⑦	Discharge lamp unit		○	○	○	○	○	
⑧	OPC drum marking sensor		×	○	○	○	○	After cleaning, check the detection level and adjust if necessary.

(4) Developing section





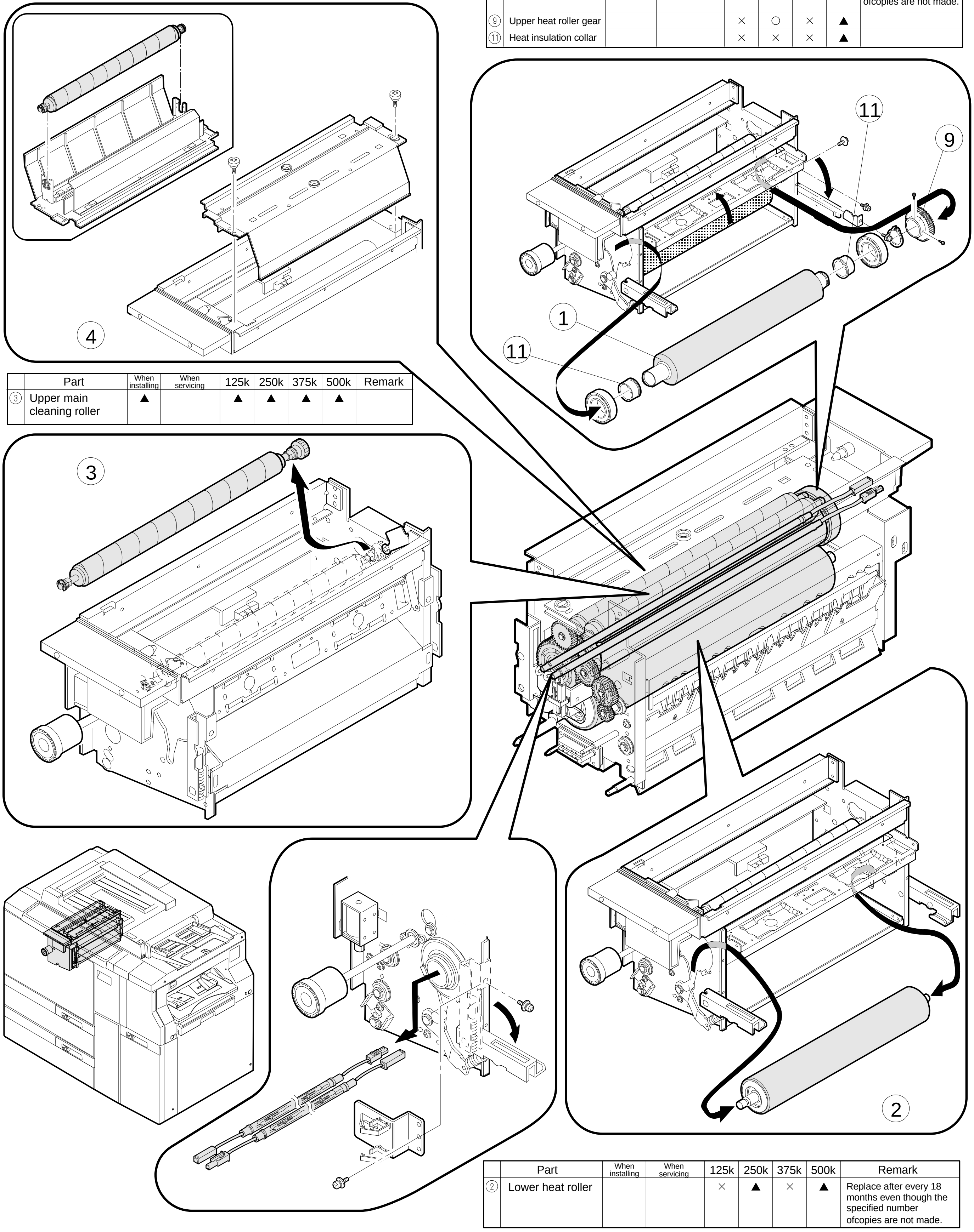
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
③	DV seal			○	○	○	▲	
④	DSD collar			○	○	○	○	
⑤	DV seal F			○	○	○	○	
⑥	DV seal R			○	○	○	○	

(5) Fusing section

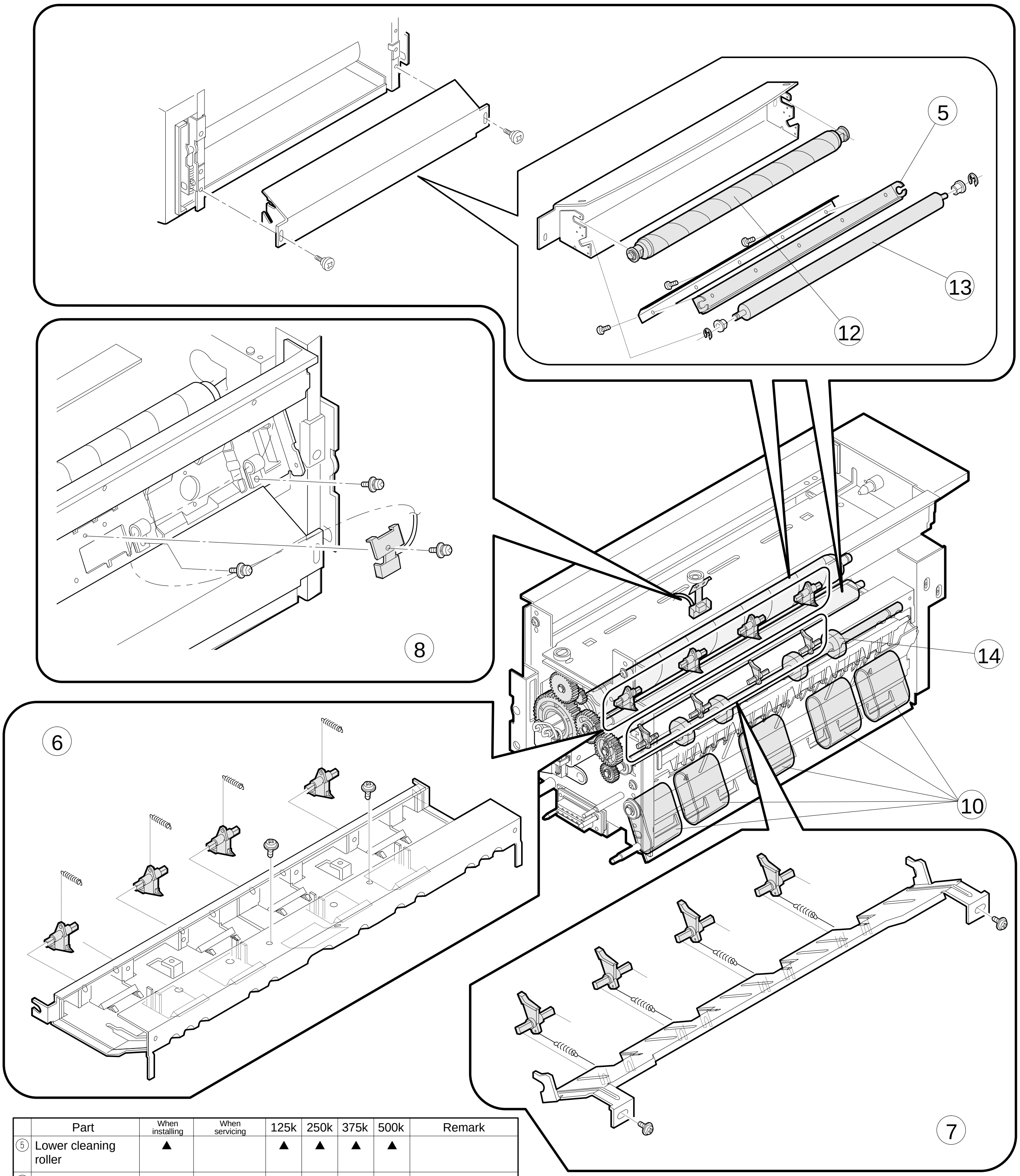
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
④	Upper sub cleaning roller	▲		▲	▲	▲	▲	Japan only

	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Upper heat roller			×	▲	×	▲	Replace after every 18 months even though the specified number ofcopies are not made.
⑨	Upper heat roller gear			×	○	×	▲	
⑪	Heat insulation collar			×	×	×	▲	

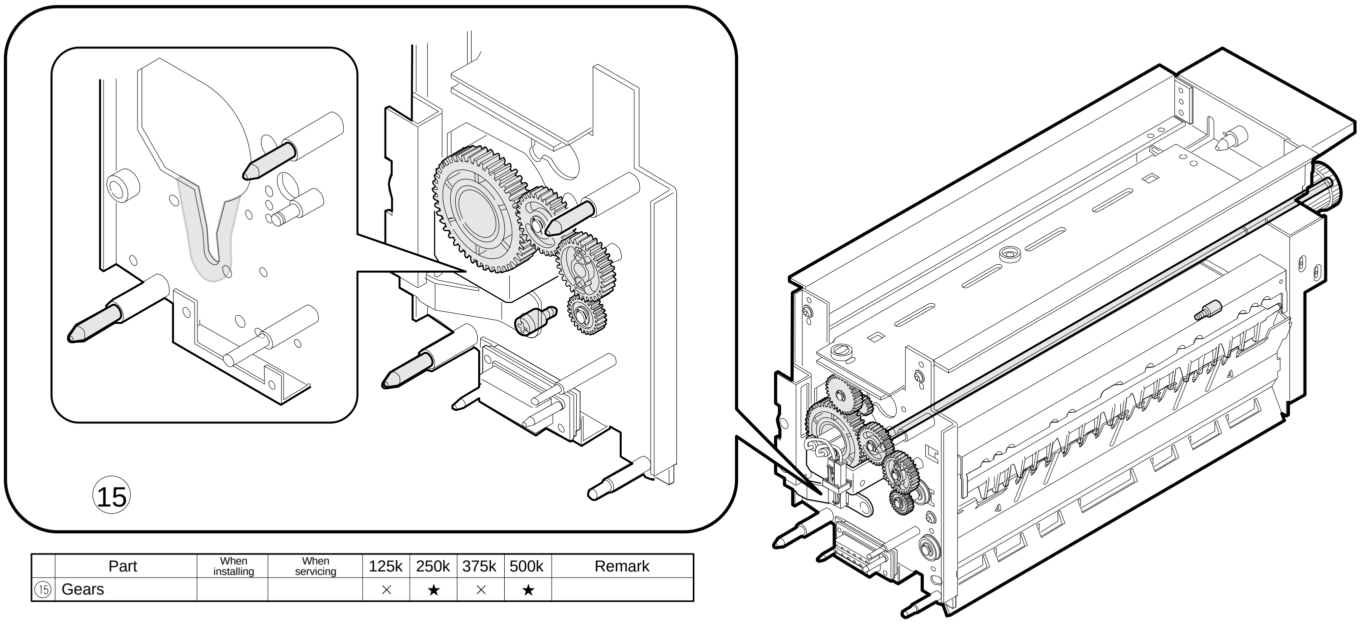
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
③	Upper main cleaning roller	▲		▲	▲	▲	▲	



	Part	When installing	When servicing	125k	250k	375k	500k	Remark
②	Lower heat roller			×	▲	×	▲	Replace after every 18 months even though the specified number ofcopies are not made.

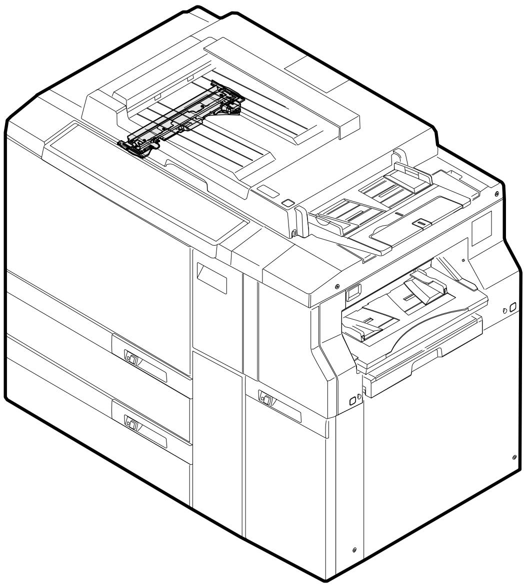


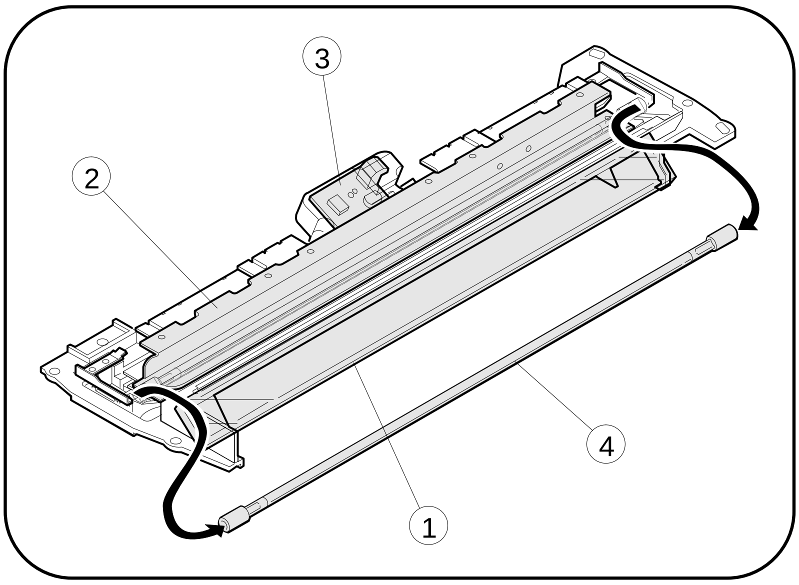
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
⑤	Lower cleaning roller	▲		▲	▲	▲	▲	
⑥	Upper separation pawl			□	□	□	▲	
⑦	Lower separation pawl			□	▲	□	▲	
⑧	Thermistor			○	○	○	▲	
⑩	Curl correction belt			○	○	○	○	
⑫	Paper dust cleaning roller			×	○	×	▲	
⑬	Paper dust cleaning roller felt			×	×	×	×	
⑭	Rollers			○	○	○	○	



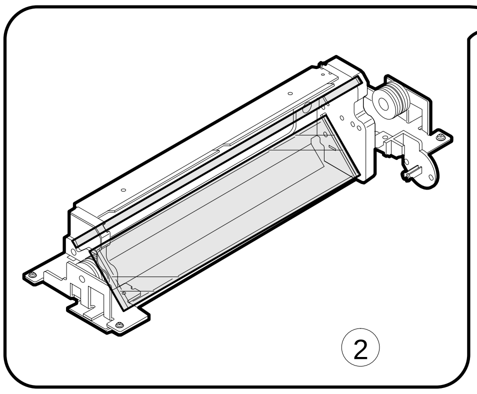
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
⑮	Gears			×	★	×	★	

(6) Optical section

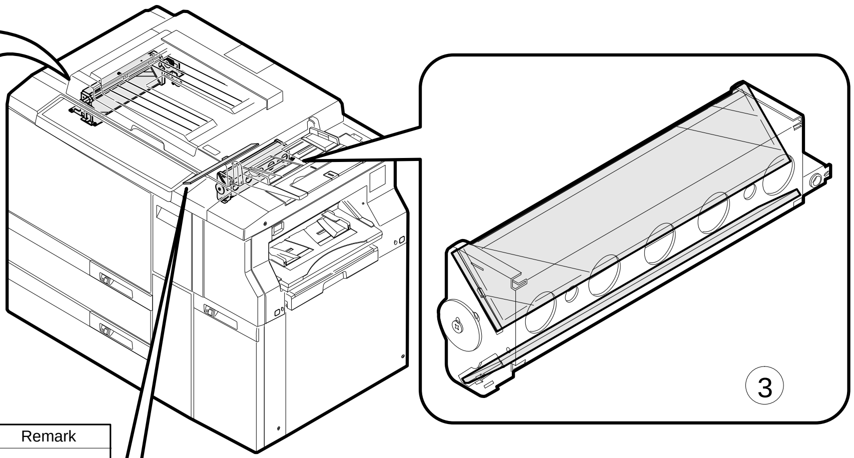




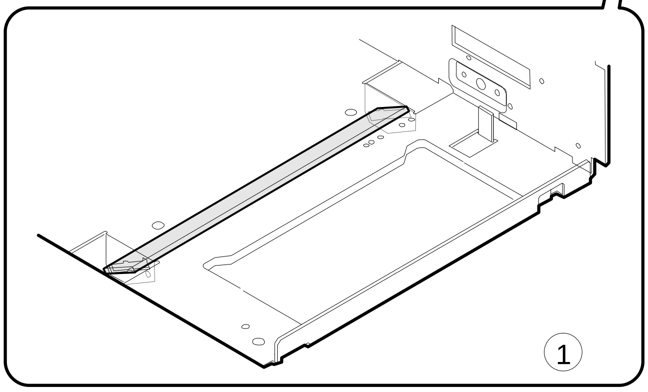
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	No. 1 mirror			○	○	○	○	
②	Reflector			○	○	○	○	
③	AE sensor			○	○	○	○	
④	Copy lamp				▲		▲	



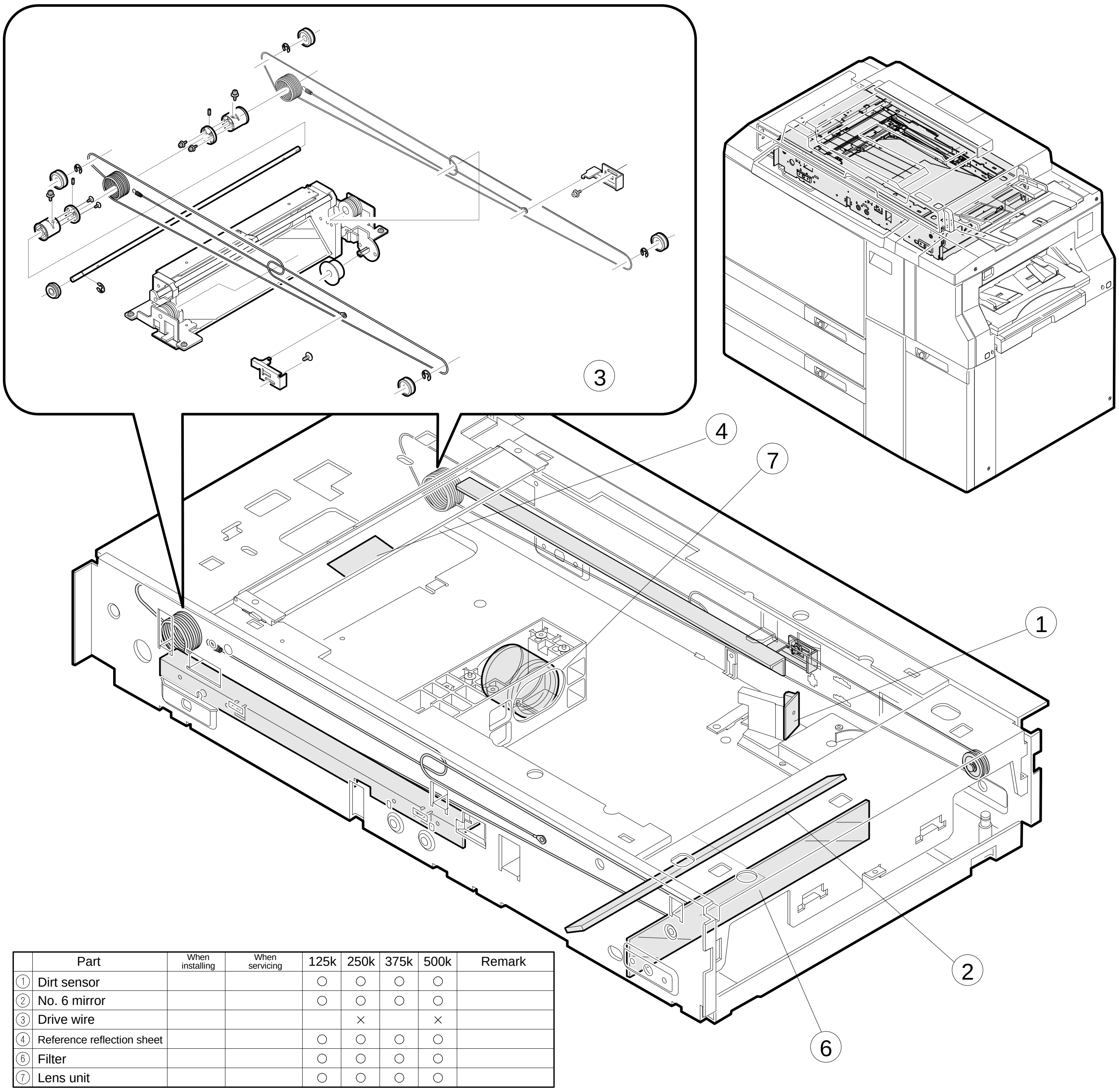
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
②	No. 2/3 mirror			○	○	○	○	



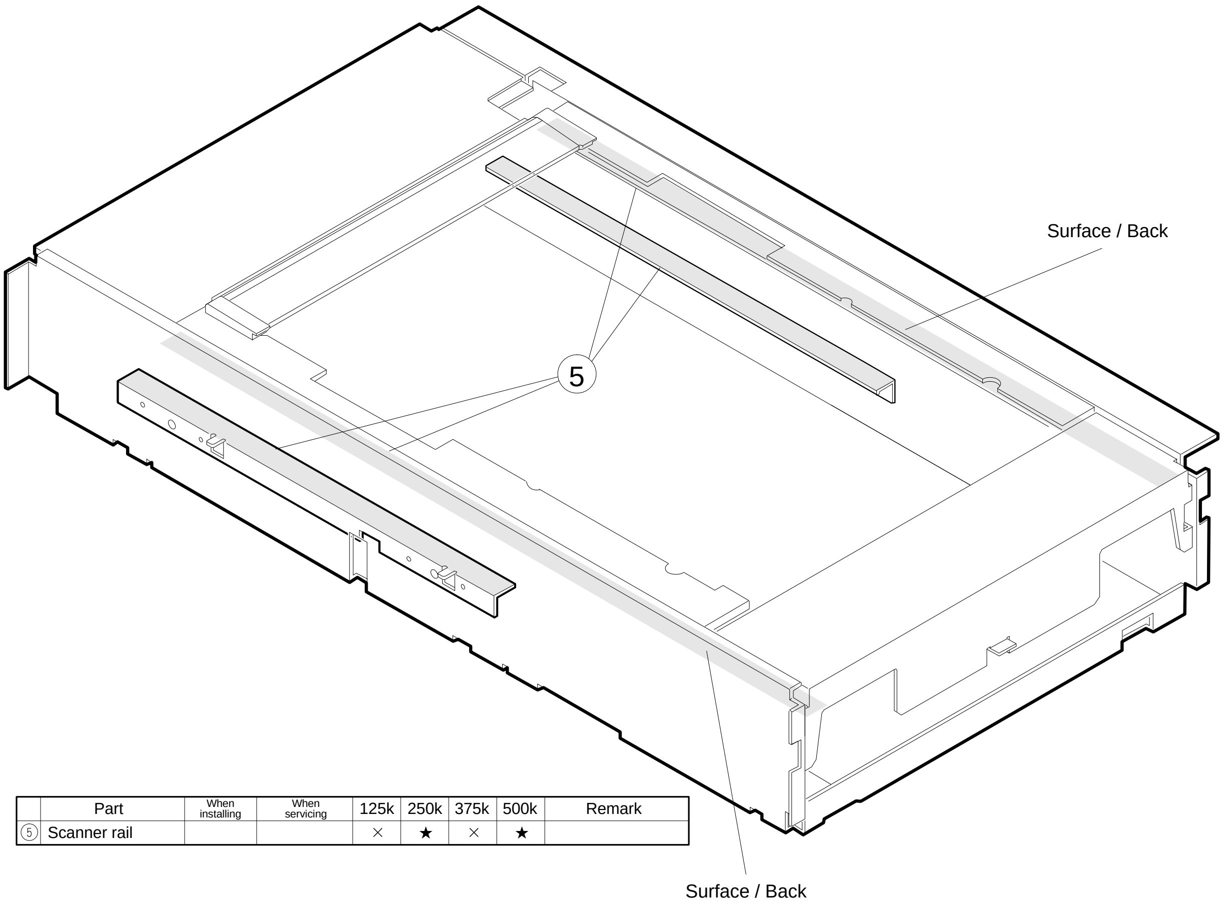
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
③	No. 4/5 mirror			○	○	○	○	



	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	No. 6 mirror			○	○	○	○	



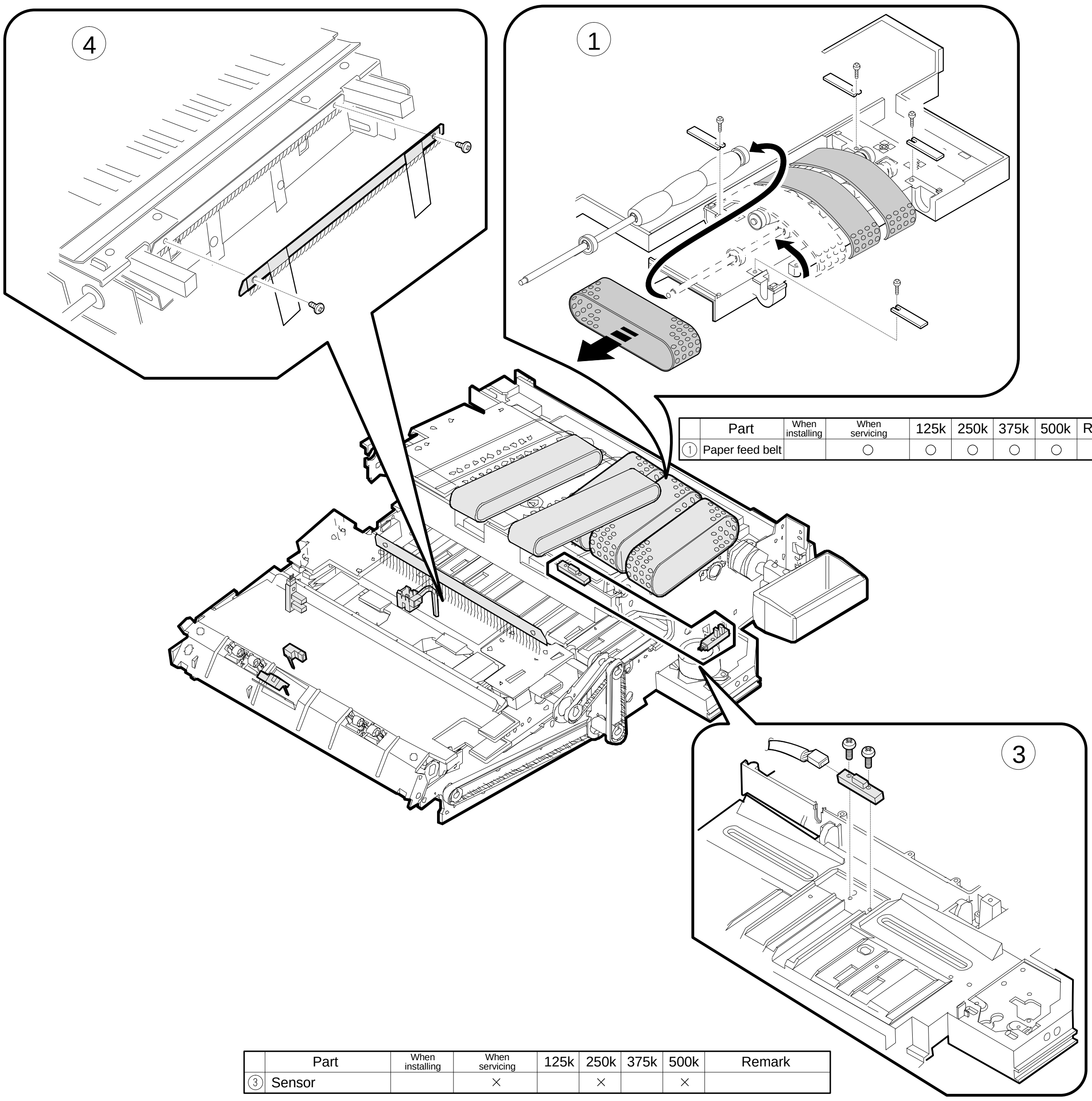
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Dirt sensor			○	○	○	○	
②	No. 6 mirror			○	○	○	○	
③	Drive wire				×		×	
④	Reference reflection sheet			○	○	○	○	
⑥	Filter			○	○	○	○	
⑦	Lens unit			○	○	○	○	


Surface / Back
5
Surface / Back

	Part	When installing	When servicing	125k	250k	375k	500k	Remark
⑤	Scanner rail			×	★	×	★	

(7) Duplex section

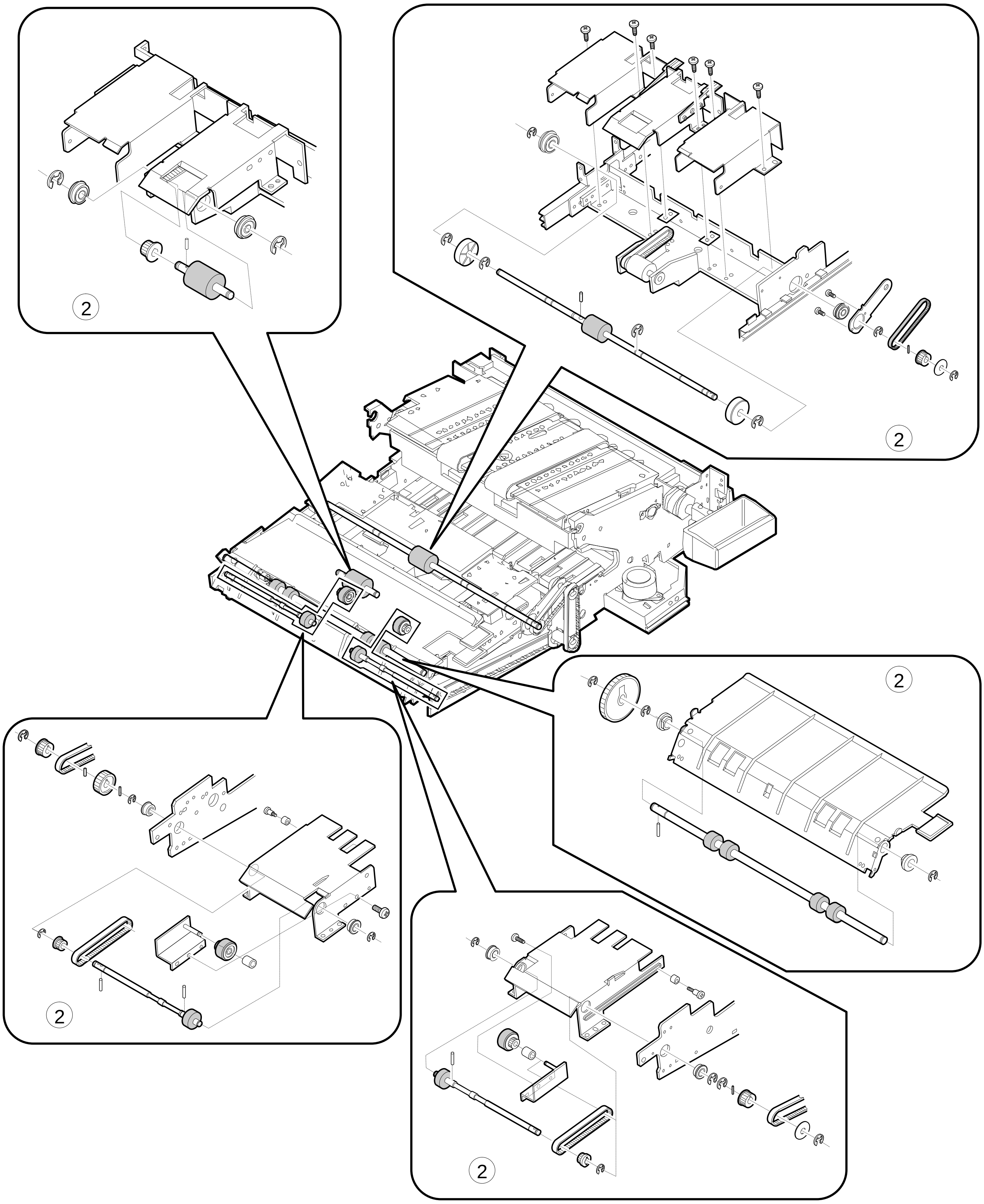
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
④	Discharge brushes			▲	▲	▲	▲	



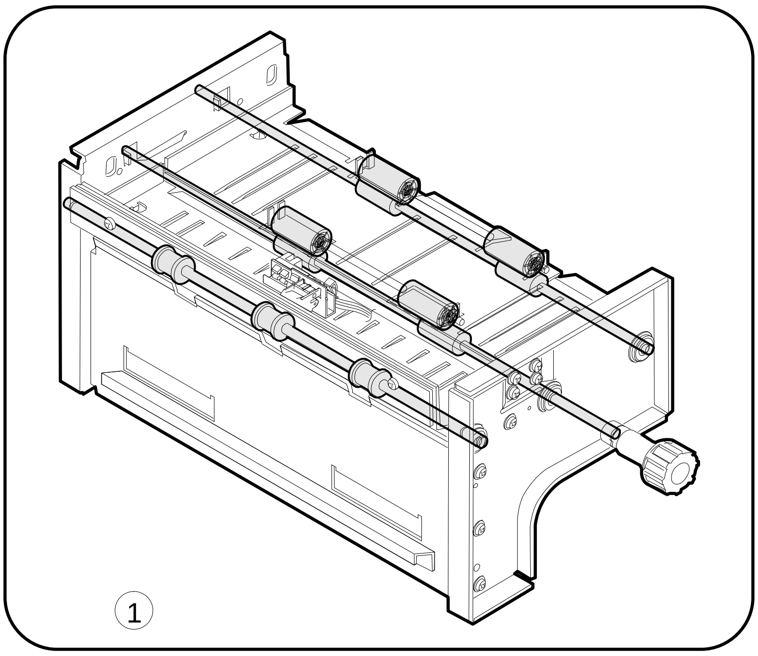
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Paper feed belt		○	○	○	○	○	

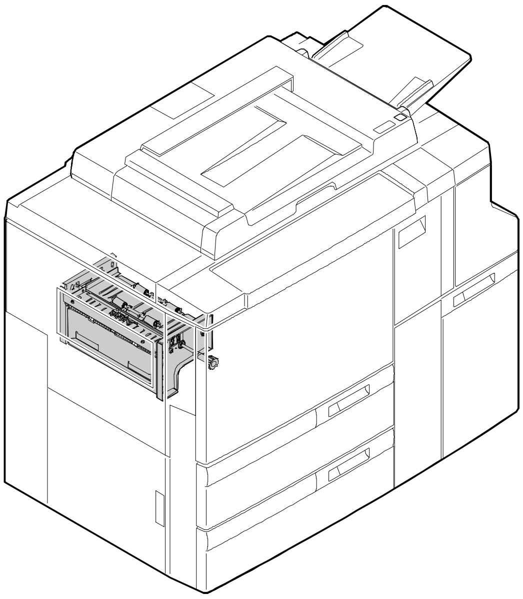
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
③	Sensor		×		×		×	

	Part	When installing	When servicing	125k	250k	375k	500k	Remark
②	Rollers		×	○	○	○	○	



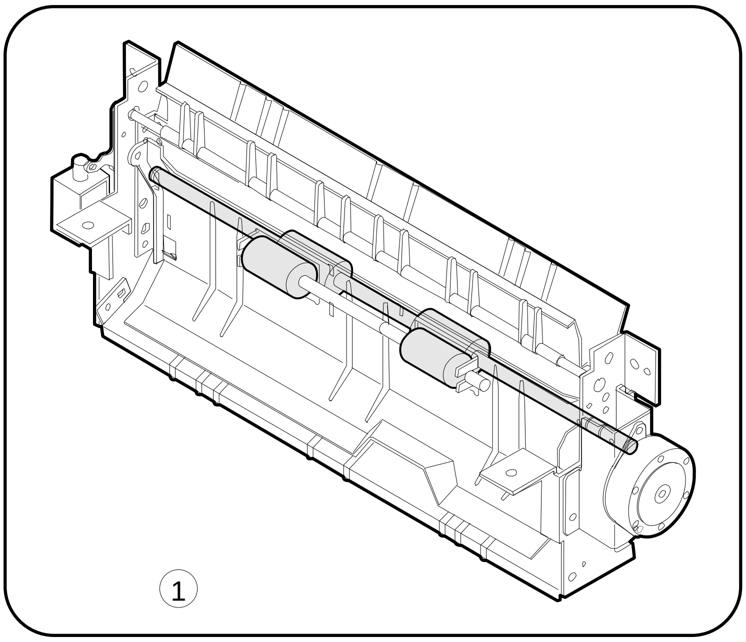
(8) Paper exit section

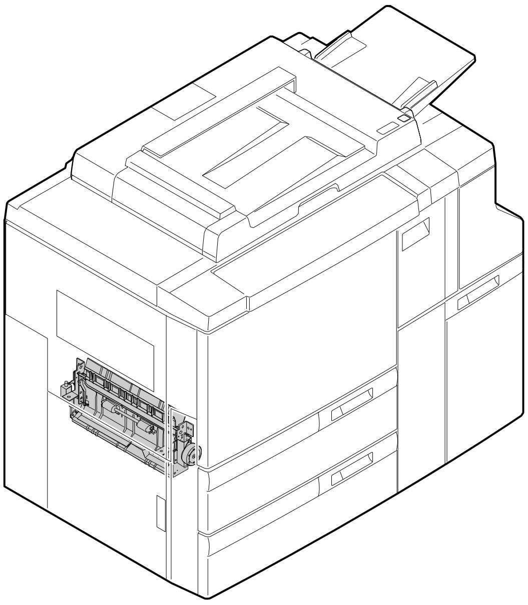




	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Rollers		○	○	○	○	○	

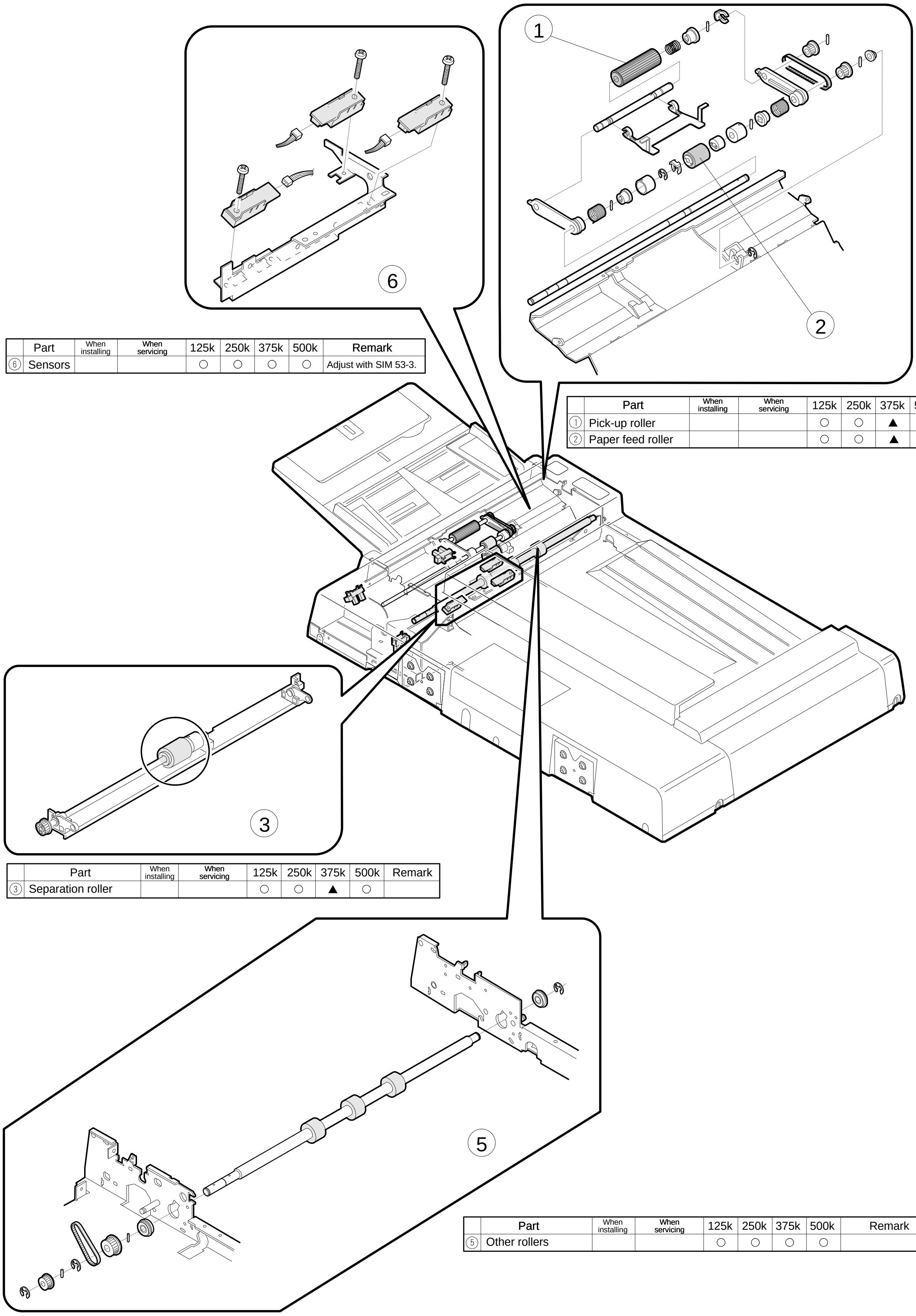
(9) Switchback section





	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Rollers		○	○	○	○	○	

(10) RADF section

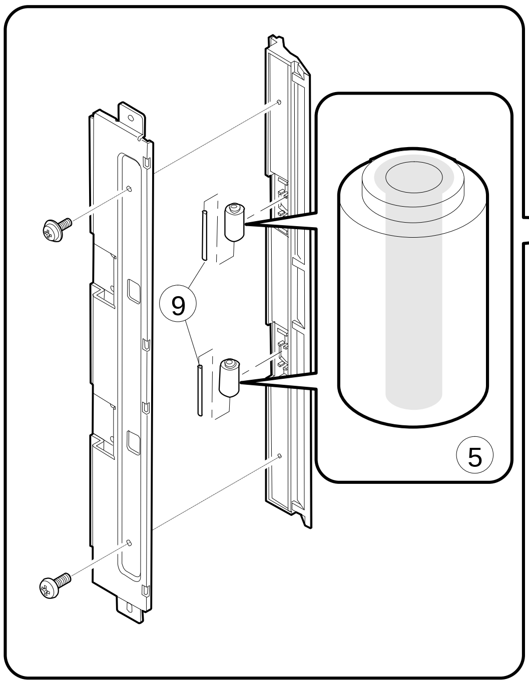


	Part	When installing	When servicing	125k	250k	375k	500k	Remark
⑥	Sensors			○	○	○	○	Adjust with SIM 53-3.

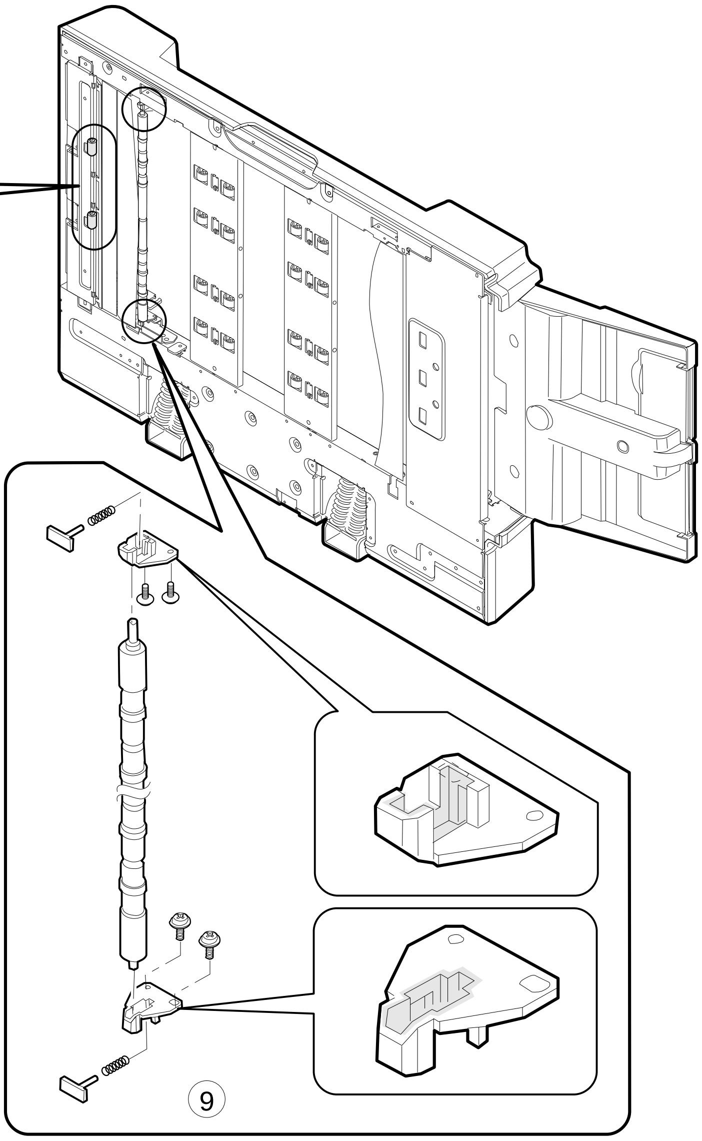
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Pick-up roller			○	○	▲	○	
②	Paper feed roller			○	○	▲	○	

	Part	When installing	When servicing	125k	250k	375k	500k	Remark
③	Separation roller			○	○	▲	○	

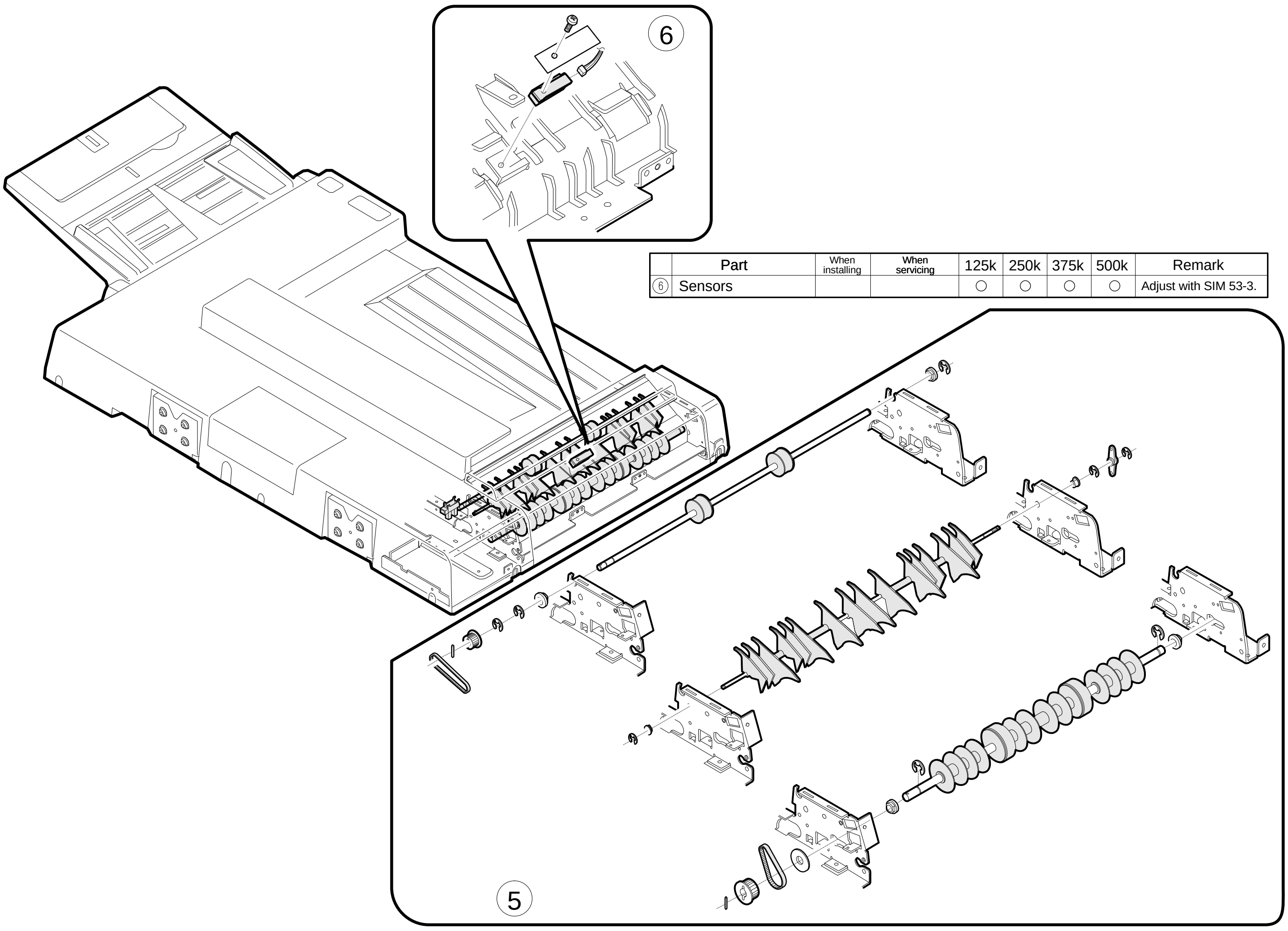
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
⑤	Other rollers			○	○	○	○	



	Part	When installing	When servicing	125k	250k	375k	500k	Remark
⑤	Other rollers			○	○	○	○	
⑨	Clutch spring/ shaft						★	

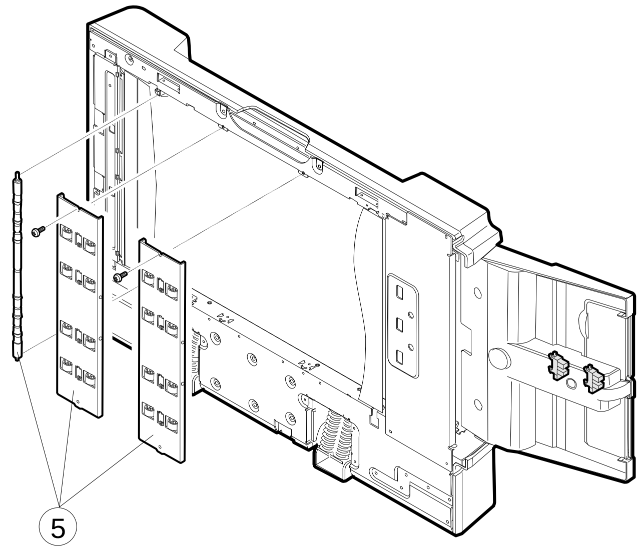


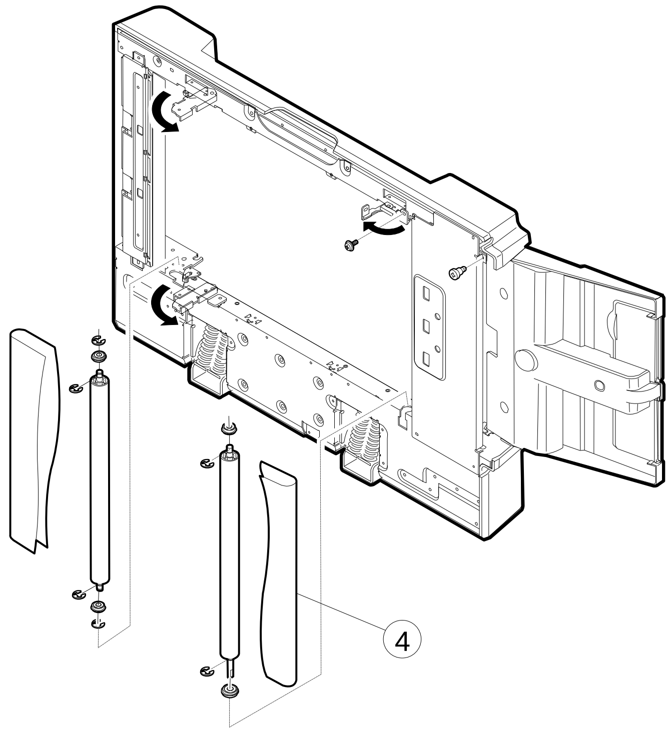
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
⑨	Clutch spring/ shaft						★	



	Part	When installing	When servicing	125k	250k	375k	500k	Remark
⑥	Sensors			○	○	○	○	Adjust with SIM 53-3.

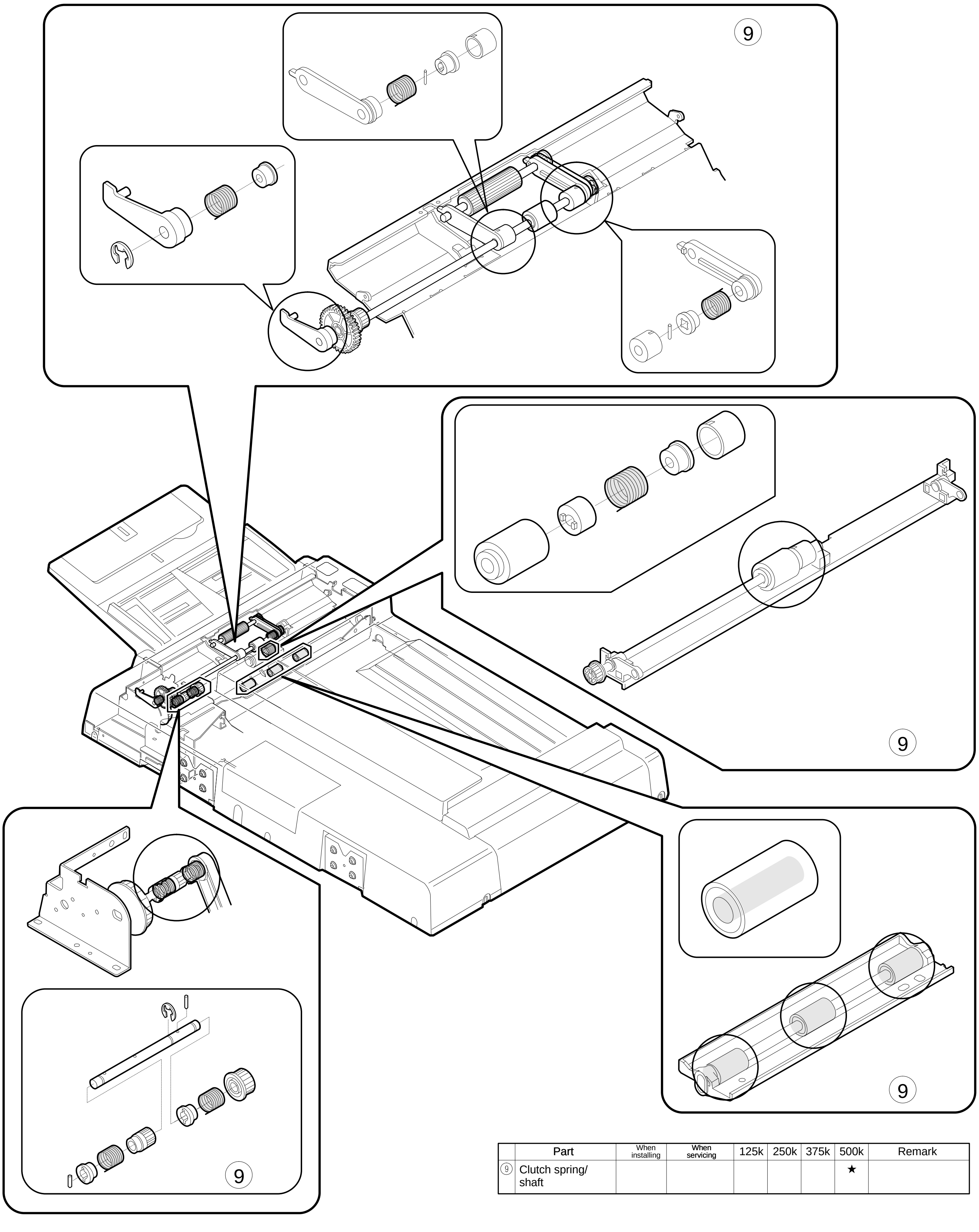
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
⑤	Other rollers			○	○	○	○	





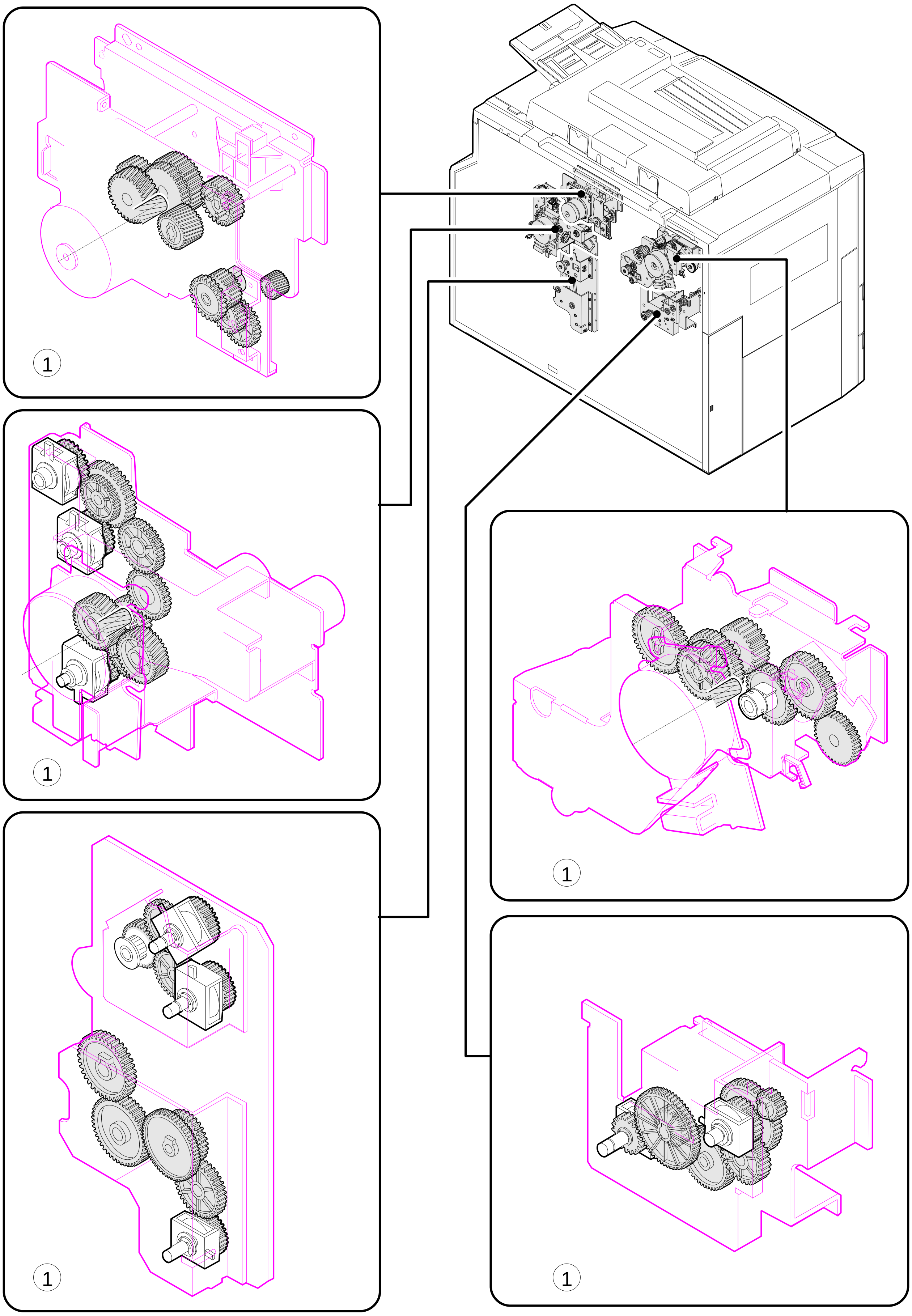
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
④	Transport belt			○	○	○	○	

When cleaning the transport belt, remove the transport belt in advance.



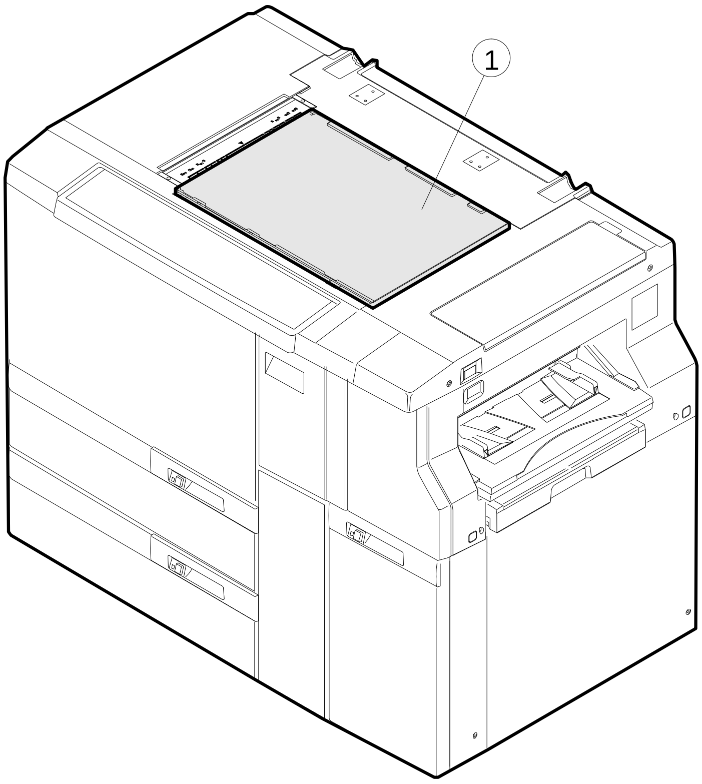
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
⑨	Clutch spring/ shaft						★	

(11) Drive section

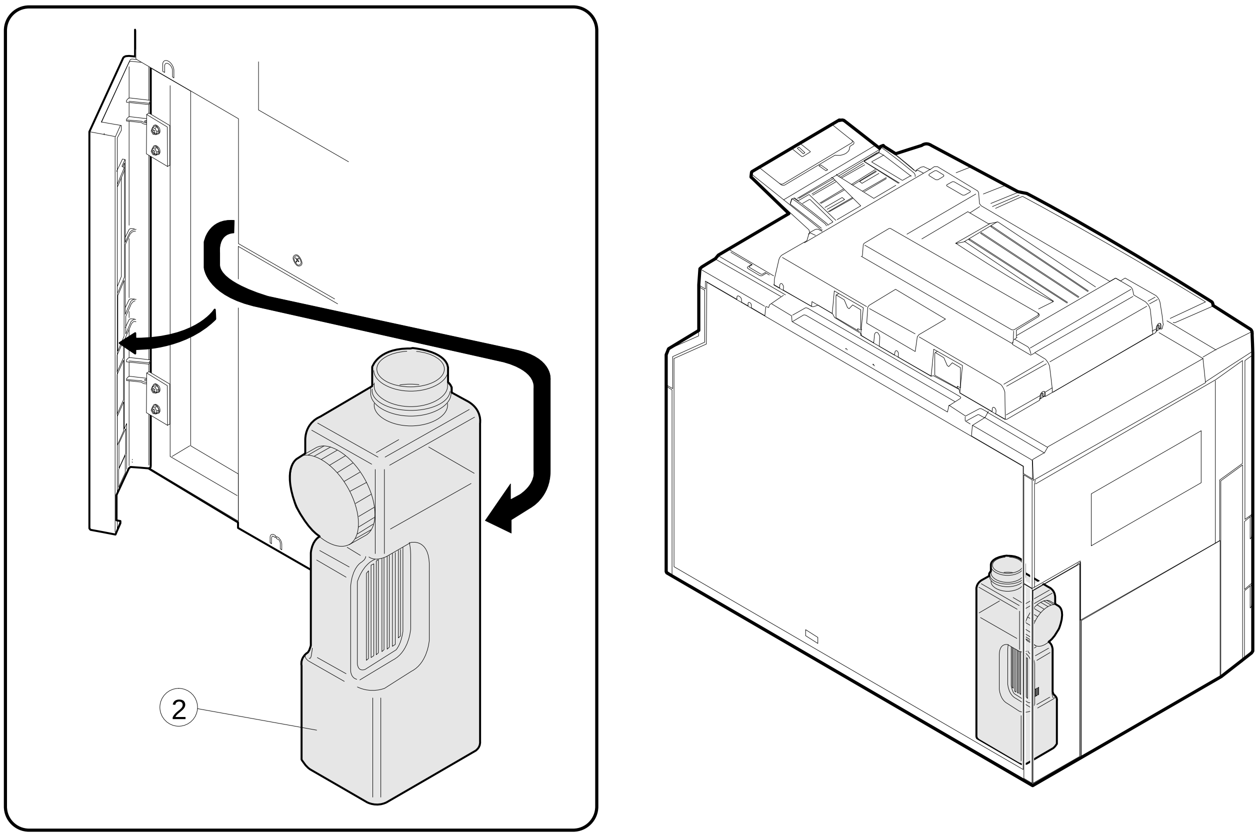


	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Gears				★		★	

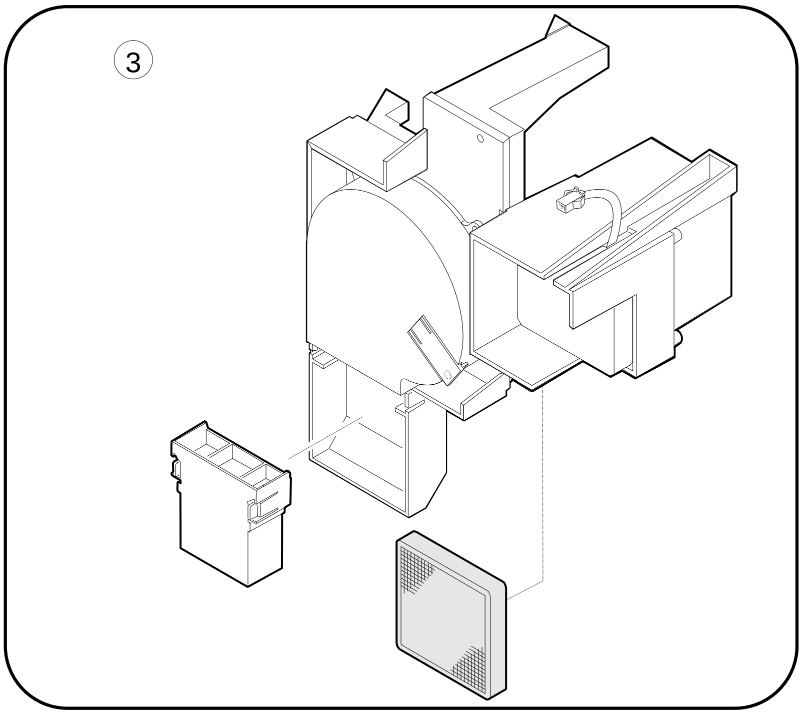
(12) Others

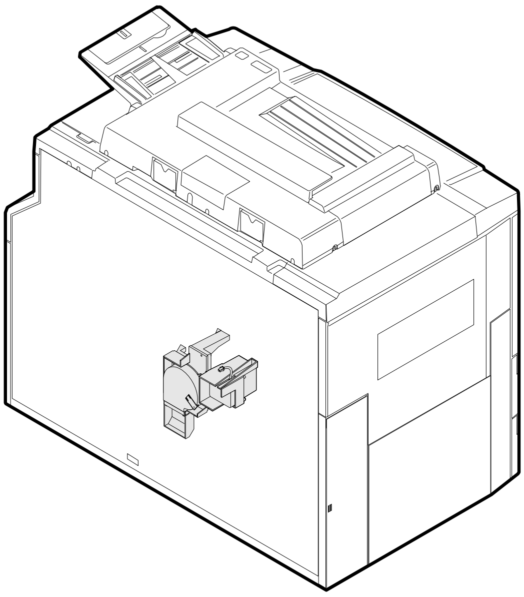


	Part	When installing	When servicing	125k	250k	375k	500k	Remark
①	Document glass	○	○	○	○	○	○	

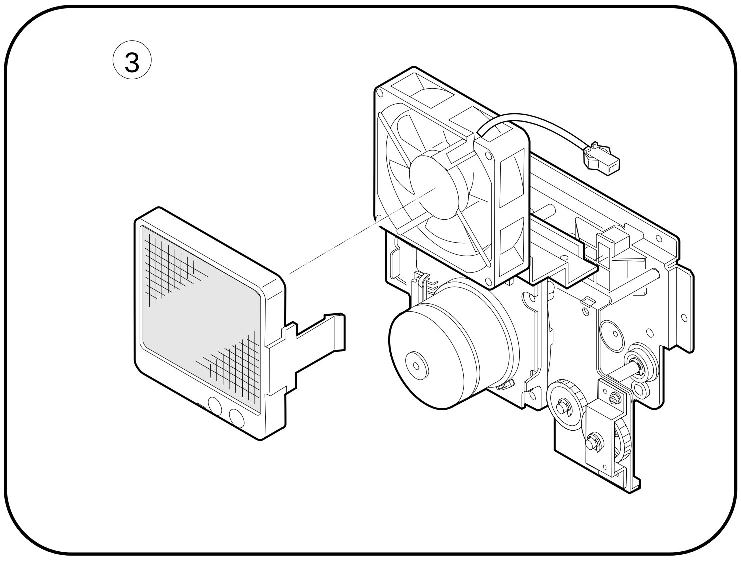


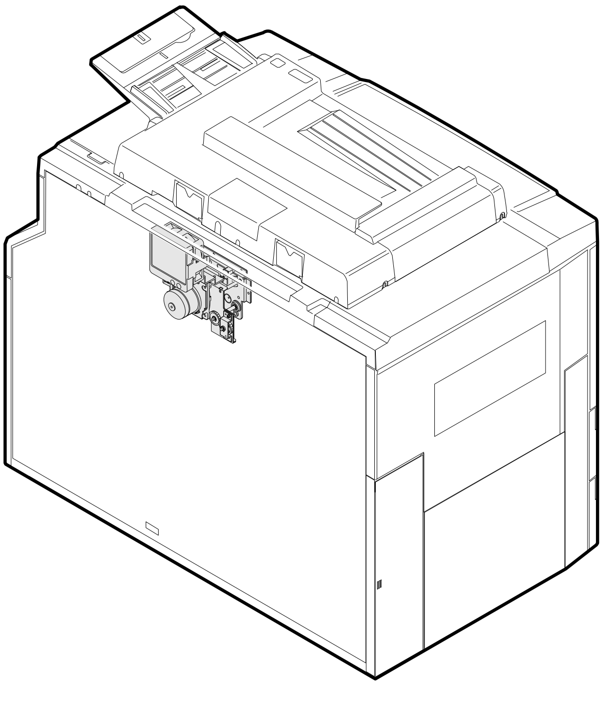
	Part	When installing	When servicing	125k	250k	375k	500k	Remark
②	Waste toner bottle			▲	▲	▲	▲	



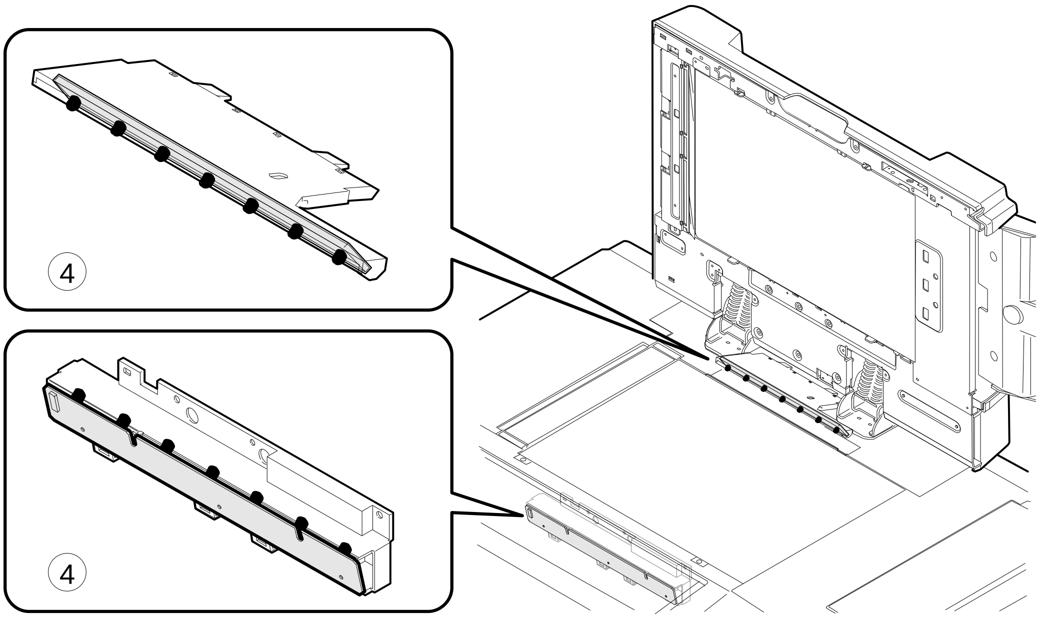


	Part	When installing	When servicing	125k	250k	375k	500k	Remark
③	Ozone filters			×	○	×	▲	





	Part	When installing	When servicing	125k	250k	375k	500k	Remark
③	Ozone filters			×	○	×	▲	



	Part	When installing	When servicing	125k	250k	375k	500k	Remark
④	Document size sensor			×	×	×	×	Adjust with SIM 4-2.

[10] TROUBLESHOOTING

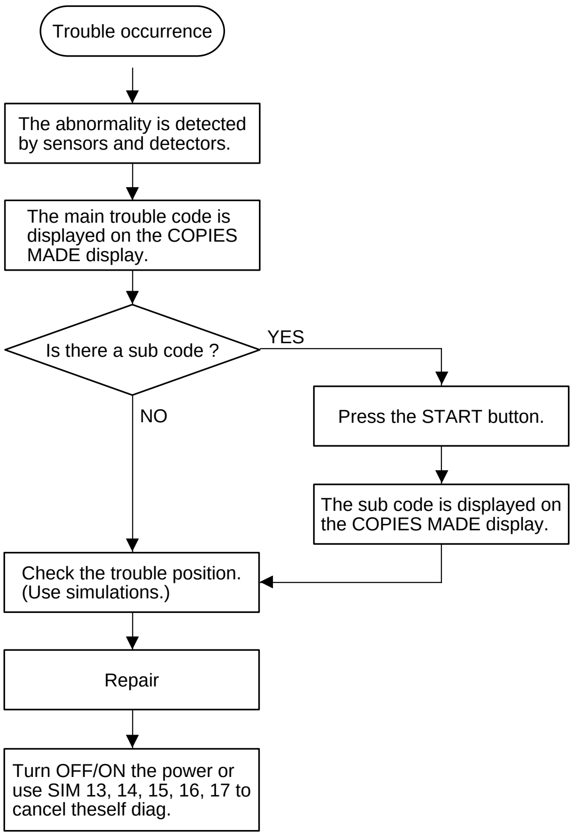
1. Self diagnostics

A. Outline and purpose

This machine is provided with the self diagnostic function. When a trouble occurs, it is detected by sensors and the trouble content is informed to9 the customer and the serviceman to realize the following items.

1) Safety (The machine is stopped simultaneously when a trouble occurs.)
2) Damage to the machine is suppressed to minimum. (The machine is stopped simultaneously when a trouble occurs.)
3) The trouble code is displayed to identify the trouble position quickly, shortening the recovery time, improving repair efficiency and allowing preliminary arrangement of necessary parts.

B. Self diagnostics operation flowchart.


Trouble occurrence
The abnormality is detected by sensors and detectors.
The main trouble code is displayed on the COPIES MADE display.
Is there a sub code ?
YES
NO
Press the START button.
The sub code is displayed on the COPIES MADE display.
Check the trouble position. (Use simulations.)
Repair
Turn OFF/ON the power or use SIM 13, 14, 15, 16, 17 to cancel theself diag.

C. Self diagnostics display and resolutions

When the self diagnostics display (trouble code display) is made, repair the trouble position and cancel the display in the following procedure.

Self diagnostics display (Trouble code display) content	Trouble display cancel method
U1	SIM13
U2	SIM16
F3	SIM15
PF	SIM17
H3/H4	SIM14
CH/PC	Canceled with the trouble is removed.
Other than the above	Power OFf → ON

D. Contents which are not displayed in case of trouble

The trouble displays for the following troubles are not made. However, the trouble contents can be checked with SIM 22-3 or 23-3.

F2-32, F1-10, U4/2/3/9, U5 (all), F3 (all), L8-1/2

F2-31, 37 (Displayed when SIM 26-6 is set to 1, 4, 5 (Japan/USA spec.), or 10 (Other AB series 200V).

In case of the above trouble, the copy density is forcibly decreased to inform that there is an abnormality in the image forming section. These are not displayed simultaneously with the occurrence of the trouble, but stored in the memory as well as the other trouble contents.

E. Relationship between trouble messages and trouble codes

When a trouble occurs in the machine, a trouble message may be displayed instead of a trouble code.

In that case, the content is stored with the trouble code, not with the trouble message.

The table below shows the relationship between the trouble messages and the trouble codes.

Trouble massage	Trouble code (SIM22-3 display)		Remark
	Main code	Sub code	
Remove the staple unit and check it.	F1	10	SF-S53 only
Copying is allowed. (Contact the dealer. Code: F2)	F2	31 37	Refer the table ∗1
The duplex copying function is troubled.	U4	2 3 9	
The document feeder is troubled. Press [CA] to cancel the job. The document feeder is troubled. Use the document table.	U5	All	
Use another tray. Tray □□ is troubled.	F3	All	□□: Tray No.
Use another tray. The side cassette is troubled.	F3	42	
The sorter is troubled. Press [CA] to cancel the job.	F1	All	Other than SF-S55
The auto exposure function (AE) is troubled. Manually adjust the copy density.	L8	1 2	

∗1

Trouble code	SIM 26-6 set value	Destination	
F2-31, 37	1	USA (SEC)	The trouble code is displayed and the machine is stopped. (Copying is inhibited.)
	4/5	JAPAN	
	10	AB series (200V series)	
	2	CANADA (SECL)	Copying is allowed but the copy density is decreased. (The trouble sub code is not displayed.)
	3	Inch series (Other)	
	6	EUROPE (SEEG)	
	7	UK (SUK)	
	8	AUSTRALIA (SCA)	
	9	AB series (Other)	
F2-32	No conditions	All destinations	Copying is performed, but copy density decreased.

F. Details

Main code	Section	Sub code	Description	
C2	High voltage unit	00	Content	Transfer charger unit trouble
			Detail	1) Transfer charger unit output short (output defect) (The trouble signal is detected.)
			Cause	1) Transfer charger unit output short 2) High voltage unit defect 3) SIM 8-6 adjustment defect 4) Overvoltage
			Remedy	1) Check for transfer charger unit output short. 2) Check the high voltage unit trouble signal. 3) Check and adjust the transfer charger unit voltage. 4) Turn OFF/ON the power to clear the self diag (trouble code) display.
C3		00	Content	Separation charger unit trouble
			Detail	1) Separation charger unit output short (output defect) (The trouble signal is detected.)
			Cause	1) Separation charger unit output short 2) High voltage unit defect 3) SIM 8-7 adjustment defect 4) Overvoltage
			Remedy	1) Check for separation charger unit output short. 2) Check the high voltage unit trouble signal. 3) Check and adjust the separation charger unit voltage. 4) Turn OFF/ON the power to clear the self diag (trouble code) display.
CC	Document size detection (Japan only)		Content	Document size detection trouble
			Detail	1) At adjustment of sensor detection level (SIM 41-1), the sensor output is abnormal. There is no difference between the sensor output level without document and that with document.
			Cause	1) Document size sensor defect (light emitting section, light receiving section) 2) Main control PWB defect
			Remedy	1) Check the document size sensor operation with SIM 1-2/3. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
EE	Developing	EU	Content	Toner concentration sensor trouble (undertoner)
			Details	1) When the toner concentration initial setting is made with SIM 25-2, toner concentration sensor output level 3.3V or above is detected.
			Cause	1) Toner concentration sensor defect 2) Main control PWB defect
			Remedy	1) Execute SIM 25-1 to check the toner concentration sensor output level. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		EL	Content	Toner concentration sensor trouble (overtoner)
			Detail	1) When the toner concentration initial setting is made with SIM 25-2, toner concentration sensor output level 1.45V or below is detected.
			Cause	1) Toner concentration sensor defect 2) Main control PWB defect
			Remedy	1) Execute SIM 25-1 to check the toner concentration sensor output level. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.

Main code	Section	Sub code	Description	
F1	Sorter (SF-S53)	00	Content	Data communication trouble between the main control PWB and the sorter control PWB.
			Detail	1) Serial communication parity, framing, overrun error (judged by the CPU)
			Cause	1) Main control PWB defect 2) Sorter control PWB defect
			Remedy	1) Check the data communication line between the main control PWB and the sorter control PWB. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		02	Content	Paper transport mechanism (motor, etc.) trouble
			Detail	1) Transport motor rotation abnormality 2) Transport motor rotation sensor signal abnormality
			Cause	1) Transport motor defect 2) Transport motor rotation sensor defect 3) Paper transport mechanism section defect 4) Sorter control PWB defect
			Remedy	1) Check the transport motor rotation sensor signal. 2) Check the transport motor control signal. 3) Turn OFF/ON the power to clear the self diag (trouble code) display.
		03	Content	Guide bar mechanism section (drive motor, etc.) trouble
			Detail	1) Guide bar drive mechanism section (motor, etc.) lock 2) Guide bar home position sensor signal abnormality
			Cause	1) Guide bar drive motor defect 2) Guide bar home position sensor defect 3) Guide bar drive mechanism section defect 4) Sorter control PWB defect
			Remedy	1) Check the guide bar drive motor rotation sensor signal. 2) Check the guide bar drive motor control signal. 3) Turn OFF/ON the power to clear the self diag (trouble code) display.
		06	Content	Bin shift mechanism section (drive motor, etc.) trouble
			Detail	1) Bin shift mechanism section, drive motor rotation abnormality 2) Bin shift motor rotation sensor signal abnormality
			Cause	1) Bin shift motor defect 2) Bin shift motor rotation sensor defect 3) Bin shift mechanism defect 4) Sorter control PWB defect
			Remedy	1) Check the bin shift motor rotation sensor signal. 2) Check the bin shift motor control signal. 3) Turn OFF/ON the power to clear the self diag (trouble code) display.
		08	Content	Stapler slide mechanism (drive motor, etc.) trouble
			Detail	1) Staler slide mechanism (motor, etc.) lock 2) Stapler home position sensor signal abnormality

Main code	Section	Sub code	Description	
F1	Sorter (SF-S53)	08	Remedy	1) Stapler slide motor defect 2) Stapler home position sensor defect 3) Stapler slide mechanism defect 4) Sorter control PWB defect
			Remedy	1) Check the stapler slide motor rotation sensor signal. 2) Check the stapler slide motor control signal. 3) Turn OFF/ON the power to clear the self diag (trouble code) display.
		10	Content	Stapler mechanism trouble
			Detail	1) Stapler mechanism (motor, etc.) lock 2) Stapler related sensor signal abnormality
			Cause	1) Stapler motor defect 2) Stapler related sensor defect 3) Stapler mechanism defect 4) Sorter control PWB defect
			Remedy	1) Check the stapler related sensor signal. 2) Check the stapler motor control signal. 3) Turn OFF/ON the power to clear the self diag (trouble code) display.
	Sorter (SF-S55)	70	Content	Data communication trouble
			Detail	Data communication trouble between the sorter (Control PWB) and the copier (main control PWB)
			Cause	1) Sorter control PWB trouble 2) Main control PWB trouble 3) Sorter-copier cable disconnection
			Remedy	Turn OFF and ON the power to clear the diag. (trouble code).
		80	Content	Defect of the power in the sorter (+24V)
			Detail	1) Power of +24V is not supplied to the sorter control PWB.
			Cause	1) The breaker is shut off. 2) The detection circuit of +24V is defective.
			Remedy	1) Check the +24V line in the sorter control PWB. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		81	Content	Paper transport mechanism (motor, etc.) trouble
			Detail	1) The rotation sensor output signal is not detected within 250msec after the transport motor ON signal is outputted. 2) The transport guide sensor signal is not detected within 2 sec after the transport guide operation is started. 3) The transport guide home position sensor signal is not detected within 2 sec after the transport guide operation is started.
			Cause	1) Transport motor defect 2) Transport motor rotation sensor defect 3) Transport guide sensor defect 4) Transport guide home position sensor defect 5) Paper transport mechanism defect 6) Sorter control PWB defect
			Remedy	1) Check the sorter transport motor, the transport guide, and the sensor operations with SIM 3-1/2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.

Main code	Section	Sub code	Description	
F1	Sorter (SF-S55)	83	Content	Paper push bar mechanism (motor, etc.) trouble
			Detail	1) The push bar home position sensor signal is not detected within 2 sec after the initializing operation is started. 2) The push bar does not complete its operation within 2 sec after starting the operation.
			Cause	1) Push bar motor defect 2) Push bar home position sensor defect 3) Circuit breaker operation 4) Paper push bar mechanism defect 5) Sorter control PWB defect
			Remedy	1) Check the sorter push bar motor and sensor operations with SIM 3-1/2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		84	Content	Guide plate mechanism (motor, etc.) trouble
			Detail	1) Guide plate home position sensor signal is not detected within 2 sec after starting the initializing operation. 2) The guide plate does not complete the operation within 2 sec after starting.
			Cause	1) Guide plate motor defect 2) Guide plate home position sensor defect 3) Guide plate mechanism defect 4) Circuit breaker operation 5) Sorter control PWB defect
			Remedy	1) Check the guide plate motor and sensor operations with SIM 3-1/2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		85	Content	Multi guide mechanism (motor, etc.) trouble
			Detail	1) The multi guide home position sensor signal is not detected within 2 sec after starting initializing operation. 2) The multi guide does not complete its operation within 2 sec after starting.
			Cause	1) Multi guide motor defect 2) Multi guide home position sensor defect 3) Multi guide mechanism defect 4) Circuit breaker operation 5) Sorter control PWB defect
			Remedy	1) Check the multi guide motor and sensor operations with SIM 3-1/2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		86	Content	Guide mechanism (motor, etc.) trouble
			Detail	1) The guide bar home position sensor is not detected within 2 sec after starting the initializing operation. 2) The guide bar does not complete its operation within ∗2 (5) sec after starting. ∗ (The judgement condition differs depending on the operation mode.)
			Cause	1) Guide bar motor defect 2) Guide bar mechanism defect 3) Guide bar mechanism defect 4) Circuit breaker operation 5) Sorter control PWB defect

Main code	Section	Sub code	Description	
F1	Sorter (SF-S55)	86	Remedy	1) Check the guide bar motor and sensor operations with SIM 3-1/2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		87	Content	Staple shift mechanism (motor, etc.) trouble
			Detail	1) The stapler shift home position sensor signal is not detected within 1 sec after starting the initializing operation. 2) The stapler shift home position sensor signal does not change its polarity within 1 sec after starting the stapler shift operation. 3) The rotation sensor output signal is not detected within 250msec after the stapler shift motor ON signal is outputted.
			Cause	1) Stapler shift motor defect 2) Stapler shift home position sensor defect 3) Stapler shift mechanism defect 4) Circuit breaker operation 5) Sorter control PWB defect
			Remedy	1) Check the stapler shift motor and sensor operations with SIM 3-1/2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		88	Content	Staple slide mechanism (motor, etc.) trouble
			Detail	1) The stapler slide home position sensor signal is not detected within 5 sec after starting the initializing operation.
			Cause	1) Stapler slide motor defect 2) Stapler slide home position sensor defect 3) Staple slide mechanism defect 4) Circuit breaker operation 5) Sorter control PWB defect
			Remedy	1) Check the stapler slide motor and sensor operations with SIM 3-1/2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		89	Content	Bin shift mechanism (motor, etc.) trouble
			Detail	1) The lead cam home position sensor signal is not detected within 2 sec after the bin shift motor ON signal is outputted. 2) The guide bar does not complete the operation within ∗ 20 (2) sec after starting the operation. ∗ (The judgement condition differs depending on the operation mode.) 3) The rotation sensor output signal is not detected within 250msec after the bin shift motor ON signal is outputted.
			Cause	1) Bin shift motor defect 2) Lead cam home position sensor defect 3) Bin shift mechanism defect 4) Circuit breaker operation 5) Sorter control PWB defect
			Remedy	1) Check the bin shift motor and sensor operations with SIM 3-1/2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		91	Content	Bin upper paper sensor (bin center) trouble)
			Detail	1) Sensor output abnormality in the sensor detection level adjustment
			Cause	1) Bin upper paper sensor (bin center) defect 2) Sorter control PWB defect
			Remedy	1) Check the sensor output with SIM 3-2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.

Main code	Section	Sub code		Description
F1	Sorter (SF-S55)	92	Content	Bin upper paper sensor (in front of the bin) trouble
			Detail	1) The sensor output abnormality in the sensor detection level adjustment
			Cause	1) Bin upper paper sensor (in front of the bin) defect 2) Sorter control PWB defect
			Remedy	1) Check the sensor output with SIM 3-2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		93	Content	Paper sensor trouble in the stapler
			Detail	1) Sensor output abnormality in the sensor detection level adjustment
			Cause	1) Paper sensor defect in the stapler 2) Sorter control PWB defect
			Remedy	1) Check the sensor output with SIM 3-2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
F2	Image forming section	00	Content	Toner concentration sensor trouble
			Detail	1) The toner concentration sensor output is not in the range of 0.7 ~ 4.6V.
			Cause	1) Toner concentration sensor defect 2) Toner concentration sensor dirt 3) Main charger grid voltage adjustment defect 4) Developer defect 5) Toner concentration defect 6) Developing unit defect (doctor gap, MG roller main pole position) 7) Main control PWB defect 8) Developing unit connector contact defect
			Remedy	1) Check the toner concentration sensor output with SIM 25-1. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		31	Content	OPC drum surface detection trouble
			Detail	1) The image density sensor output is not within the range of 2.8 ~ 4.65V when the OPC drum surface is measured.
			Cause	1) Image density sensor defect 2) Image density sensor dirt 3) OPC drum cleaning defect 4) Developing bias voltage adjustment defect 5) Blank lamp defect 6) Main control PWB defect 7) OPC drum defect 8) Image density sensor adjustment defect
			Remedy	1) Check the set values of the process section and the defective positions with SIM 44-7, and -9. 2) Turn OFF/ON the power to clear the self diag (trouble code) display. 3) Adjust the image density sensor output level with SIM 44-3.
		32	Content	OPC drum mark detection trouble
			Detail	1) The OPC drum mark is not detected.

Main code	Section	Sub code	Description	
F2	Image forming section	32	Cause	1) OPC drum mark sensor defect 2) OPC drum mark sensor dirt 3) OPC drum mark sensor cleaning defect 4) Blank lamp defect 5) Main control PWB defect 6) OPC drum defect 7) OPC drum mark sensor adjustment defect
			Remedy	1) Check the set values of the process section and defective positions with SIM 44-7, and -9. 2) Turn OFF/ON the power to clear the self diag (trouble code) display. 3) Adjust the OPC drum mark sensor output level with SIM 44-2.
		37	Content	OPC drum mark sensor gain adjustment trouble
			Detail	1) The OPC drum mark sensor output is not within the range of 2.6 ~ 4.1V.
			Cause	1) OPC drum mark sensor defect 2) OPC drum mark sensor defect 3) OPC drum mark sensor cleaning defect 4) Blank lamp defect 5) Main control PWB defect 6) OPC drum defect
			Remedy	1) Check the set values of the process section and defective positions with SIM 44-7, and -9. 2) Turn OFF/ON the power to clear the self diag (trouble code) display. 3) Adjust the OPC drum mark sensor output level with SIM 44-2.
F3	Manual paper feed tray section	00	Content	Manual paper feed tray paper size detection trouble
			Detail	1) The sensor output is abnormal in the sensor detection level adjustment (SIM 40-2).
			Cause	1) Manual paper fed tray paper size sensor defect 2) Main control PWB defect
			Remedy	1) Check the manual paper feed tray paper size sensor operation with SIM 40-1. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
	No. 1 tray section	11	Content	Paper feed tray motor PT disc sensor trouble
			Detail	1) The paper tray motor rotation sensor output signal is not detected within 100msec after the paper tray motor ON signal is outputted.
			Cause	1) Paper tray motor rotation sensor defect 2) Paper tray motor defect 3) Paper tray mechanism section defect 4) Main control PWB defect
			Remedy	1) Check the paper tray operation with SIM 6-3. 2) Clear the self diag with SIM 15.
		12	Content	Paper tray lift-up trouble
			Detail	1) The paper upper limit sensor ON signal is not detected within 12 sec after the paper tray motor lift-up signal is outputted. 2) The paper lower limit sensor OFF signal is not detected within 1.0 sec after the paper tray motor lift-up signal is outputted.

Main code	Section	Sub code	Description	
F3	No. 1 tray section	12	Cause	1) Paper tray upper limit sensor defect 2) Paper tray lower limit sensor defect 3) Paper tray motor defect 4) Paper tray mechanism section defect 5) Main control PWB defect
			Remedy	1) Check the paper tray operation with SIM 6-3. 2) Clear the self diag with SIM 15.
		13	Content	Paper tray lift down trouble
			Detail	1) The paper lower limit sensor ON signal is not detected within 12 sec after the paper tray motor lift-down signal is outputted. 2) The paper upper limit sensor OFF signal is not detected within 1.0 sec after the paper tray motor lift-down signal is outputted.
			Cause	1) Paper tray upper limit sensor defect 2) Paper tray lower limit sensor defect 3) Paper tray motor defect 4) Paper tray mechanism section defect 5) Main control PWB defect
			Remedy	1) Check the paper tray operation with SIM 6-3. 2) Clear the self diag with SIM 15.
	No. 2 paper tray section	21	Content	Paper feed tray motor PT disc sensor trouble
			Detail	1) The paper tray motor rotation sensor output signal is not detected within 200msec after the paper tray motor ON signal is outputted.
			Cause	1) Paper tray motor rotation sensor defect 2) Paper tray motor defect 3) Paper tray mechanism section defect 4) Main control PWB defect
			Remedy	1) Check the paper tray operation with SIM 6-3. 2) Clear the self diag with SIM 15.
		22	Content	Paper tray lift-up trouble
			Detail	1) The paper upper limit sensor ON signal is not detected within 12 sec after the paper tray motor lift-up signal is outputted. 2) The paper lower limit sensor OFF signal is not detected within 1.0 sec after the paper tray motor lift-up signal is outputted.
			Cause	1) Paper tray upper limit sensor defect 2) Paper tray lower limit sensor defect 3) Paper tray motor defect 4) Paper tray mechanism section defect 5) Main control PWB defect
			Remedy	1) Check the paper tray operation with SIM 6-3. 2) Clear the self diag with SIM 15.
		23	Content	Paper tray lift down trouble
			Detail	1) The paper lower limit sensor ON signal is not detected within 12 sec after the paper tray motor lift-down signal is outputted. 2) The paper upper limit sensor OFF signal is not detected within 1.0 sec after the paper tray motor lift-down signal is outputted.

Main code	Section	Sub code	Description	
F3	No. 2 paper tray section	23	Cause	1) Paper tray upper limit sensor defect 2) Paper tray lower limit sensor defect 3) Paper tray motor defect 4) Paper tray mechanism section defect 5) Main control PWB defect
			Remedy	1) Check the paper tray operation with SIM 6-3. 2) Clear the self diag with SIM 15.
	No. 3 paper tray section	31	Content	Paper feed tray motor PT disc sensor trouble
			Detail	1) The paper tray motor rotation sensor output signal is not detected within 200msec after the paper tray motor ON signal is outputted.
			Cause	1) Paper tray motor rotation sensor defect 2) Paper tray motor defect 3) Paper tray mechanism section defect 4) Main control PWB defect
			Remedy	1) Check the paper tray operation with SIM 6-3. 2) Clear the self diag with SIM 15.
		32	Content	Paper tray lift-up trouble
			Detail	1) The paper upper limit sensor ON signal is not detected within 12 sec after the paper tray motor lift-up signal is outputted. 2) The paper lower limit sensor OFF signal is not detected within 1.0 sec after the paper tray motor lift-up signal is outputted.
			Cause	1) Paper tray upper limit sensor defect 2) Paper tray lower limit sensor defect 3) Paper tray motor defect 4) Paper tray mechanism section defect 5) Main control PWB defect
			Remedy	1) Check the paper tray operation with SIM 6-3. 2) Clear the self diag with SIM 15.
		33	Content	Paper tray lift down trouble
			Detail	1) The paper lower limit sensor ON signal is not detected within 12 sec after the paper tray motor lift-down signal is outputted. 2) The paper upper limit sensor OFF signal is not detected within 1.0 sec after the paper tray motor lift-down signal is outputted.
			Cause	1) Paper tray upper limit sensor defect 2) Paper tray lower limit sensor defect 3) Paper tray motor defect 4) Paper tray mechanism section defect 5) Main control PWB defect
			Remedy	1) Check the paper tray operation with SIM 6-3. 2) Clear the self diag with SIM 15.
	Paper cassette section	42	Content	Paper cassette lift-up trouble
			Detail	1) The upper limit sensor (CLUD) signal is not detected within 10sec after the lift plate starts lift-up operation from the lowest position (with paper empty). 2) The upper sensor (CLUD) signal is not detected within 4 sec after the lift-up operation is started in copying (with paper).

Main code	Section	Sub code	Description	
F3	Paper cassette section	42	Cause	1) Paper cassette section sensor defect 2) Paper cassette lift motor defect 3) Main control PWB defect
			Remedy	1) The paper cassette section sensor operation is checked with SIM 30-2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
L1	Optical section	00	Content	Scanner unit feed trouble
			Detail	The scanner unit does not complete feeding within 6 sec.
			Cause	1) Scanner motor control circuit defect 2) Main control PWB defect 3) Scanner unit drive section defect 4) Scanner motor unit defect
			Remedy	1) Check the scanner unit operation with SIM 1-1. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
L2		00	Content	Resist roller operation trouble
			Detail	The RRC ON (RRC in) signal from the mirror motor control PWB is not detected in the main control PWB during execution of SIM 7-2, 3, and 7.
			Cause	1) Scanner motor control circuit defect 2) Main control PWB defect
			Remedy	1) Perform copying and check the RRC ON (RRC in) signal. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
L3		00	Content	Scanner unit return trouble
			Detail	The scanner unit does not complete scanning (the home position is not detected) in the initial operation or within 3.5 sec after scanning.
			Cause	1) Scanner motor control PWB defect 2) Main control PWB defect 3) Scanner unit drive section defect 4) Scanner motor unit defect
			Remedy	1) Check the operation of the scanner unit with SIM 1-1. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
L4	Drive section	01	Content	OPC drum drive section lock
			Detail	The specified rpm is not detected within 1 sec after the OPC drum drive motor ON command is issued.
			Cause	1) OPC drum motor control circuit defect 2) Main control PWB defect 3) OPC drum drive section mechanism defect (lock, etc.) 4) OPC drum drive motor unit defect
			Remedy	1) Check for normal rotation of the OPC drum with SIM 25-1. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		02	Content	Drive section lock
			Detail	The specified rpm is not detected within 1 sec after the main motor ON command is issued.
			Cause	1) Main motor control PWB defect 2) Main control PWB defect 3) Drive section mechanism defect (lock, etc.) 4) Main motor unit defect

Main code	Section	Sub code	Description	
L4	Drive section	02	Remedy	1) Check for normal operation of the main motor with SIM 6-1. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
	Fusing section	03	Content	Fusing drive section (motor, etc.) trouble
			Detail	1) The specified rpm is not detected for 1 sec during output of the fusing drive motor ON signal. (During rotation)
			Cause	1) Fusing drive motor defect 2) Fusing mechanism defect 3) Main control PWB defect
			Remedy	1) Check for normal operation of the fusing drive motor with SIM 6-1. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
	Suction motor (suction)	21	Content	Suction motor (suction) lock
			Detail	The specified rpm is not detected within 1 sec after the suction motor ON command is issued.
			Cause	1) Suction motor control circuit defect 2) Main control PWB defect 3) Suction motor duct clogging (lock, etc.) 4) Suction motor defect
			Remedy	1) Check for normal rotation of the blower motor with SIM 6-2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
	Blower motor (exhaust)	22	Content	Blower motor (exhaust) lock
			Detail	The specified rpm is not detected within 1 sec after the blower motor ON command is issued.
			Cause	1) Blower motor control circuit defect 2) Main control PWB defect 3) Blower motor duct clogging (lock, etc.) 4) Blower motor defect
			Remedy	1) Check for normal rotation of the blower motor with SIM 6-2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
	Duplex section	23	Content	Duplex (blower, suction) motor trouble
			Detail	1) The specified rpm is not detected for 1 sec during output of the duplex (blower, suction) motor ON signal.
			Cause	1) Duplex (blower, suction) motor trouble 2) Main control PWB defect
			Remedy	1) Check for normal rotation of the blower motor with SIM 6-2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
L5	Optical section	00	Content	Lens, No. 4/5 mirror feed trouble, initial operation trouble
			Detail	1) The lens and No. 4/5 mirror do not move to the specified positions within 12.5 sec after the drive signals are outputted. (Home position or specified copy magnification ratio positions)
			Cause	1) Mirror motor control circuit defect 2) Main control PWB defect 3) Lens or No. 4/5 mirror motor defect 4) Lens or No. 4/5 mirror drive system defect
			Remedy	1) Check the operations of the lens unit and No. 4/5 mirror unit with SIM 1-3. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.

Main code	Section	Sub code	Description	
L8	Power section	01	Content	Zero cross pulse (FW) trouble
			Detail	1) Zero cross pulse (FW) is not outputted. 2) Zero cross pulse (FW) output level abnormality The Zero cross pulse (FW) is not detected.
			Cause	1) DC power unit defect 2) Main control PWB defect
			Remedy	1) Check the zero cross pulse (FW) waveform with an oscilloscope. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		02	Content	Zero cross pulse (FW) trouble
			Detail	1) The zero cross pulse (FW) frequency is not within the specified range. 50Hz (46.15 ~ 53.3Hz), 60Hz (55.59 ~ 64.86Hz)
			Cause	1) DC power unit defect 2) Main control PWB defect 3) AC power abnormality
			Remedy	1) Check the zero cross pulse (FW) waveform with an oscilloscope. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
	Optical section	03	Content	AE sensor trouble
			Detail	1) The Ae sensor output level change is not detected when the copy lamp voltage is changed during execution of SIM 47.
			Cause	1) AC power unit defect 2) Main control PWB defect 3) AE sensor defect 4) Copy lamp defect
			Remedy	1) Check the copy lamp voltage and the AE sensor output during execution of SIM 47. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
H2	Fusing section	00	Content	Thermistor trouble
			Detail	1) The thermistor is open. (The thermistor input pin voltage of 4.5V or above is detected.)
			Cause	1) Thermistor defect 2) Main control PWB defect 3) AE sensor defect 4) Copy lamp defect
			Remedy	1) Check the thermistor line. 2) Check the line between the thermistor and the main control PWB. 3) Turn OFF/ON the power to clear the self diag (trouble code) display.
H3	Fusing section	00	Content	Fusing section abnormally high temperature
			Detail	1) The heat roller temperature exceeds 228 C. (The thermistor input pin voltage of 1.3V or below is detected.)
			Cause	1) Thermistor defect 2) Main control PWB defect 3) AC power PWB defect 4) Fusing section connector improper connection 5) Fusing section connector SW defect

Main code	Section	Sub code	Description	
H3	Fusing section	00	Remedy	1) Check the thermistor and its input circuit. 2) Check the heater lamp ON signal and the drive circuit with SIM 5-2. 3) Clear the self diag with SIM 14.
H4		00	Content	Fusing section abnormally low temperature
			Detail	1) The fusing section does not reach the specified temperature (SIM 43-1) within 10 min (Japan 15A specifications) after the power relay is turned ON. (The thermistor input pin voltage of 1.84V or above is detected.)
			Cause	1) Thermistor defect 2) Main control PWB defect 3) AC power PWB defect
			Remedy	1) Check the thermistor and its input circuit. 2) Check the heater lamp ON signal and the drive circuit with SIM 5-2. 3) Clear the self diag with SIM 14.
U0	Main control PWB, operation PWB	00	Content	Data communication trouble between the main control PWB and the operation PWB (Judged on the main control PWB side)
			Detail	1) Serial communication parity, framing, overrun errors (Judged by the CPU)
			Cause	1) PWB (RDH,finisher, operation, auditor, mirror motor) defect on the slave side 2) Main control PWB defect
			Remedy	1) Check the data communication line between the main control PWB and each slave PWB. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
U1	Main control PWB	01	Content	SRAM backup memory 1 voltage fall
			Detail	1) The SRAM backup memory 1 voltage of 2.2V or below is detected.
			Remedy	1) Follow the battery replacement procedure. 2) Clear the self diag with SIM 13.
	(Option memory PWB)	02	Content	SRAM backup mattery 2 voltage fall
			Detail	The SRAM backup memory 2 voltage of 2.2V or below is detected.
			Remedy	1) Follow the battery replacement procedure. 2) Clear the self diag with SIM 13.
	Main control PWB + (option memory PWB)	03	Content	SRAM backup battery 1 and 2 voltage fall
			Detail	The SRAM backup mattery 1 and 2 voltage of 2.2V or below is detected.
			Remedy	1) Follow the battery replacement procedure. 2) Clear the self diag with SIM 13.
U2	Main control PWB	01	Content	Memory sum check error
			Detail	The SRAM memory data and the EEPROM memory data are disturbed. (In case of this trouble, the SRAM data and the EEPROM data are not reliable.)
			Cause	1) Main control PWB defect
			Remedy	1) Follow the U2 trouble countermeasure procedure. 2) Clear the self diag with SIM 16.

Main code	Section	Sub code	Description	
U3	Optical section	00	Content	Data communication trouble between the main control PWB and the mirror motor PWB
			Detail	1) Serial communication parity, framing, overrun errors (Judged by the CPU)
			Cause	1) Main control PWB defect 2) Mirror motor PWB defect
			Remedy	1) Check the data communication line between the main control PWB and each mirror motor PWB. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		20	Content	Mirror motor rotary encoder output signal trouble
			Detail	1) The mirror motor rotary encoder output signal is not detected after 100msec from when the mirror motor ON signal is outputted.
			Cause	1) Main control PWB defect 2) Mirror motor PWB defect 3) Mirror motor drive section lock 4) Mirror motor defect
			Remedy	1) Check the mirror motor rotary encoder output signal with SIM 1-1. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		21	Content	Scanner unit home position trouble
			Detail	1) The scanner unit detects the mirror home position sensor OFF when scanning is started. 2) The mirror home position sensor ON is detected (scanner home position sensor output signal is not detected normally) at the timing of the scanner unit return.
			Cause	1) Main control PWB defect 2) Mirror motor PWB defect 3) Mirror motor drive section level 4) Mirror motor defect 5) Mirror home position sensor defect
			Remedy	1) Check the scanner unit home position sensor output signal with SIM 1-2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		23	Content	Scanner unit initial operation trouble
			Detail	1) It takes 5 sec or more to initialize the scanner unit.
			Cause	1) Main control PWB defect 2) Mirror motor PWB defect 3) Mirror motor drive section lock 4) Mirror motor defect 5) Mirror home position sensor defect
			Remedy	1) Check the initializing operation with SIM 1-1. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		26	Content	Mirror motor drive power voltage fall
			Detail	1) The mirror motor drive voltage of 26V or below is detected.

Main code	Section	Sub code	Description	
U3	Optical section	26	Cause	1) Mirror motor PWB defect 2) Mirror motor drive section lock 3) Mirror motor defect 4) DC power PWB defect
			Remedy	1) Check the mirror motor drive power voltage. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		41	Content	Lens shift operation trouble
			Detail	1) The lens home position sensor output polarity change is not detected even though the lens motor drive pulse is outputted for the max. shift amount + 100 steps in initializing. 2) The lens home position sensor output polarity change is not detected even though the lens drive pulse is outputted in the lens shift operation.
			Cause	1) Mirror motor PWB defect 2) Lens home position sensor defect 3) Lens motor drive section lock 4) Lens motor defect
			Remedy	1) Check the lens shift operation with SIM 1-3. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		42	Content	No. 4/5 mirror shift operation trouble
			Detail	1) The lens home position sensor output polarity change is not detected even though the No. 4/5 mirror motor drive pulse is outputted for the max. shift amount + 100 steps in initializing. 2) The No. 4.5 mirror home position sensor output polarity change is not detected even though the lens drive pulse is outputted in the lens shift operation.
			Content	1) Mirror motor PWB defect 2) No. 4/5 mirror home position sensor defect 3) No. 4/5 mirror motor drive section lock 4) No. 4/5 mirror motor defect
			Detail	1) Check the No. 4/5 mirror shift operation with SIM 1-3. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
U4	Duplex section	02	Content	Paper width direction alignment plate operation trouble
			Detail	1) The paper width direction alignment plate home position is not detected within 5 sec.
			Cause	1) Paper width direction alignment plate home position sensor defect 2) Paper width direction alignment plate drive motor defect 3) Paper width direction alignment plate drive section defect 4) Main control PWB defect
			Remedy	1) Check the paper width direction alignment plate home position sensor output. 2) Check the paper width direction alignment plate drive circuit and mechanism. 3) Turn OFF/ON the power to clear the self diag (trouble code) display.
		03	Content	Paper transport direction alignment plate operation trouble
			Detail	1) The paper transport direction alignment plate home position is not detected within 5 sec.

Main code	Section	Sub code		Description
U4	Duplex section	03	Cause	1) Paper transport direction alignment plate home position sensor defect 2) Paper transport direction alignment plate drive motor defect 3) Paper transport direction alignment plate drive section defect 4) Main control PWB defect
			Remedy	1) Check the paper transport direction alignment plate home position sensor output. 2) Check the paper transport direction alignment plate drive circuit and mechanism. 3) Turn OFF/ON the power to clear the self diag (trouble code) display.
		09	Content	Duplex blower valve trouble
			Detail	1) The blower valve home position sensor signal is not detected within 2.5 sec after the blower valve ON signal is outputted.
			Cause	1) Blower valve motor defect 2) Blower valve mechanism defect 3) Main control PWB defect 4) Blower valve home position sensor defect
			Remedy	1) Check the operation of the duplex blower valve with SIM 30-1, 6-2. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
U5	RADF section	00	Content	Data communication trouble between the main control PWB and the RADF control PWB
			Detail	1) Serial communication parity, framing, overrun error (Judged by the CPU.)
			Cause	1) Main control PWB defect 2) RADF control PWB defect
			Remedy	1) Check the data communication line between the main control PWB and the RADF control PWB. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		01	Content	RADF resist sensor trouble
			Detail	1) RADF resist sensor output voltage defect
			Cause	1) RADF resist sensor defect 2) RADF control PWB defect
			Remedy	1) Check the RADF resist sensor output voltage. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		02	Content	RADF paper exit, reverse sensor trouble
			Detail	RADF paper exit, reverse sensor output voltage defect
			Cause	1) RADF paper exit sensor, reverse sensor defect 2) RADF control PWB defect
			Remedy	1) Check the RADF paper exit, reverse sensor output. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		03	Content	RADF timing sensor trouble
			Detail	1) RADF timing sensor output voltage defect
			Cause	1) RADF timing sensor defect 2) RADF control PWB defect
			Remedy	1) Check the RADF timing sensor output voltage. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.

Main code	Section	Sub code	Description	
U5	RADF section	05	Content	RADF document width sensor trouble
			Detail	1) RADF document width sensor output voltage defect
			Cause	1) RADF document width sensor defect 2) RADF control PWB defect
			Remedy	1) Check the RADF document width sensor output voltage. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		11	Content	RADF paper feed motor trouble
			Detail	1) The paper feed motor rotation sensor (DFMRS) signal polarity change is not detected for 200 msec even though the paper feed motor ON signal is issued.
			Cause	1) RADF control PWB defect 2) RADF paper feed motor defect 3) RADF paper feed mechanism defect 4) RADF paper feed motor rotation sensor defect
			Remedy	1) Check the RADF operation with SIM 2-1, 2, 3. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		12	Content	RADF transport motor trouble
			Detail	1) The transport motor rotation sensor (DTMRS2) signal polarity change is not detected for 200 msec after the transport motor ON signal is issued.
			Cause	1) RADF control PWB defect 2) RADF transport motor defect 3) RADF transport mechanism defect 4) RADF transport motor rotation sensor defect
			Remedy	1) Check the RADF operation with SIM 2-1, 2, 3. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
		13	Content	RADF paper exit trouble
			Detail	1) The paper exit motor rotation sensor (DEMRS) signal polarity change is not detected for 200 msec after the RADF paper exit motor ON signal is issued.
			Cause	1) RADF control PWB defect 2) RADF paper exit motor defect 3) RADF paper exit mechanism defect 4) RADF paper exit motor rotation sensor defect
			Remedy	1) Check the operation of the RADF with SIM 2-1, 2, 3. 2) Turn OFF/ON the power to clear the self diag (trouble code) display.
U7	MODEM I/F	00	Content	Data communication trouble between the copier and the host computer
			Cause	1) Main control PWB defect 2) MODEM I/F defect 3) MODEM communication circuit defect 4) Host computer defect 5) MODEM defect
			Remedy	1) If the trouble cause is not detected promptly, cancel copy inhibition at the communication trouble with SIM 27-1. 2) Replace the defective parts. 3) Turn OFF/ON the power to clear the self diag (trouble code) display.

Main code	Section	Sub code	Description	
U8	Expansion memory (main control PWB)	00	Content	Expansion memory installation trouble
			Detail	1) Improper contact between the expansion memory and the main control PWB 2) Improper setting of SIM 26-3
			Cause	1) Expansion memory defect 2) Improper contact of the expansion memory socket and plug 3) Main control PWB defect 4) There is no expansion memory installed though SIM 26-3 (expansion memory) is set to "YES."
			Remedy	1) SIM 26-3 improper setting 2) Check the contact of the expansion memory socket and plug. 3) Turn OFF/ON the power to clear the self diag (trouble code) display.
		01	Content	Expansion memory initializing trouble
			Detail	When the expansion memory is installed and SIM 26-3 is set to "YES," initializing operation is not performed. Or initializing operation is not performed even though the key operation of initializing is made.
			Cause	1) Expansion memory defect 2) Expansion memory socket, plug contact defect 3) Main control PWB defect 4) Initializing operation is not performed even though SIM 26-3 is set to "YES."
			Remedy	1) Check SIM 26-3 setting and perform initializing. 2) Check contacts of the expansion memory socket and plug. 3) Turn OFF/ON the power to clear the self diag (trouble code) display.
CH	Cabinet SW	Light	Content	The cabinet open/close SW is not closed.
			Detail	1) The cabinet open/close SW does not detect open.
			Detail	1) The cabinet open/close SW is not closed. 2) Cabinet open/close SW defect 3) Main control PWB defect 4) DC power defect (fuse F709)
			Remedy	When the trouble is removed, the self diag display is automatically cleared.
		Blink	Content	Developing unit not detected
			Detail	1) The developing unit is not detected.
			Cause	1) The developing unit is not installed. 2) Developing unit connector defect 3) Main control PWB defect
			Remedy	When the trouble is removed, the self diag display is automatically cleared.
—	Auditor		Content	Card-type counter card is not inserted.
			Detail	1) The card-type counter card is not detected.
			Cause	1) The card-type counter card (SF-EA11) is not inserted. 3) Card counter (SF-EA11) defect 4) Main control PWB defect
			Remedy	When the trouble is removed, the self diag display is automatically cleared.

Main code	Section	Sub code	Description	
PF			Content	The copy inhibition command is issued from the host computer.
			Detail	
			Cause	1) The copy inhibition command is issued from the host computer. 2) Main control PWB defect
			Remedy	1) Cancel the copy inhibition command of the host computer. 2) Set SIM 27-1 to ignore the command from the host computer.

2. Memory related troubles and servicing for main control troubles

A. Outline

The EEPROM and the SRAM in the control PWB include various set values, the adjustment values, the counter values, the internal auditor data, and the user program data. These data are very important for operating the machine properly and for servicing.

In the following cases, the set values, the adjustment values, the counter values, and the user program data must be entered again.

∗ Memory trouble (Self diag error U2)

∗ When the EEPROM or the SRAM in the main control PWB is replaced.

∗ When the main control PWB is replaced.

∗ When the memory backup battery voltage falls (self diag error U1)

When U2 trouble occurs, the memory data are not reliable. In that case, enter the data again.

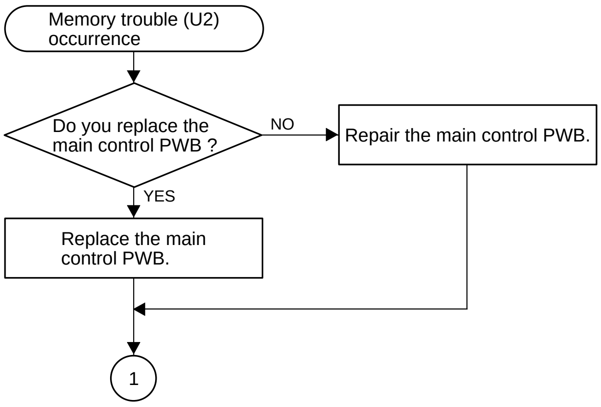
B. Purpose

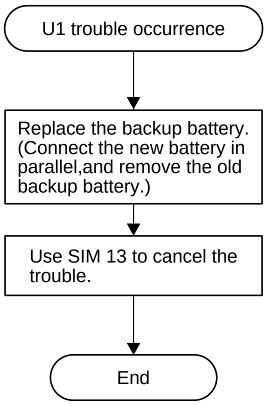
By entering the proper memory data, the machine is properly operated. Use the service data memory sheet for the above operation.

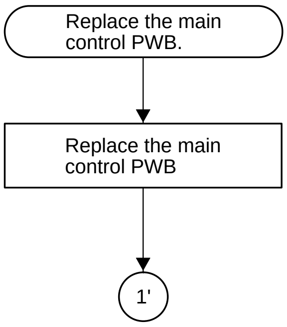
This improves servicing efficiency and allows quick recovery.

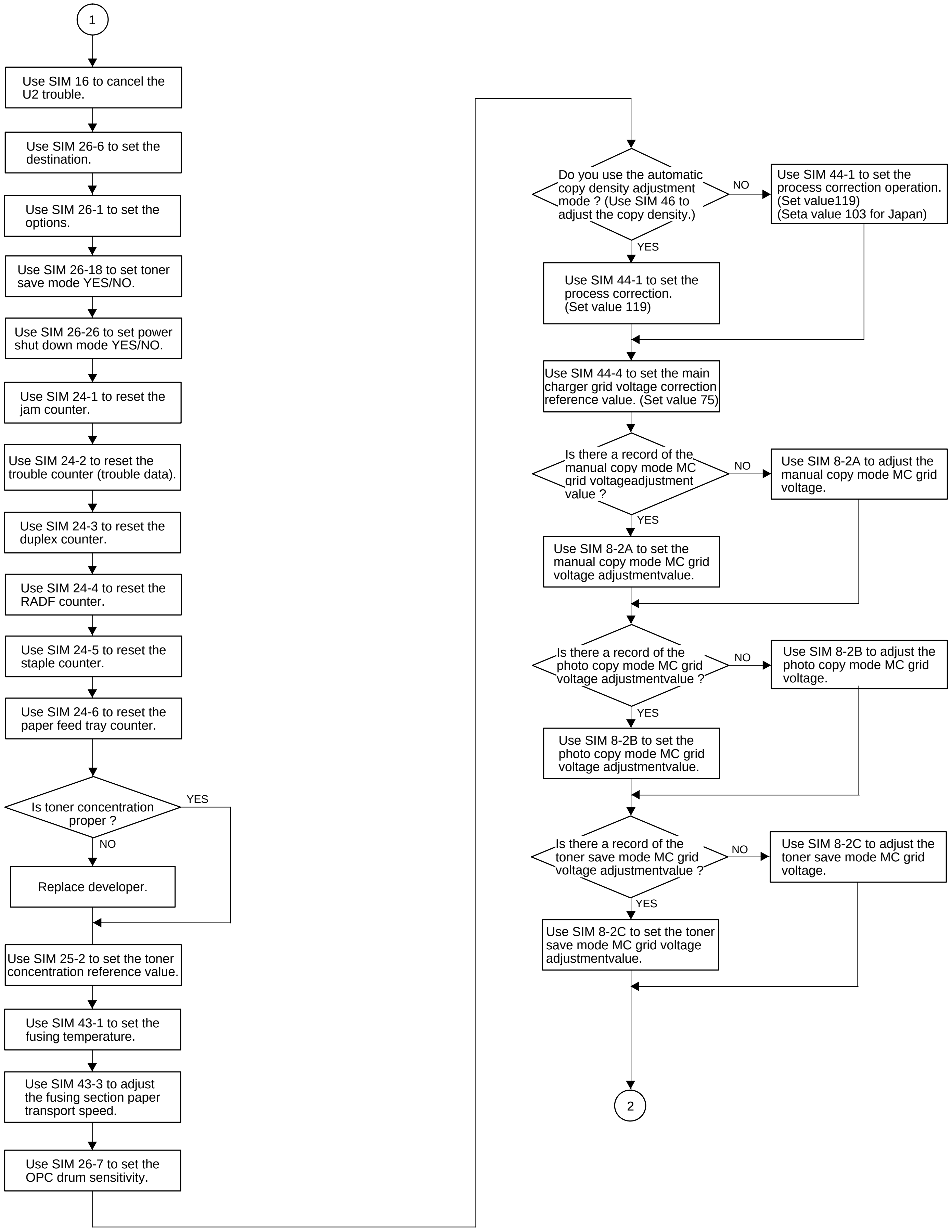
C. Remedy

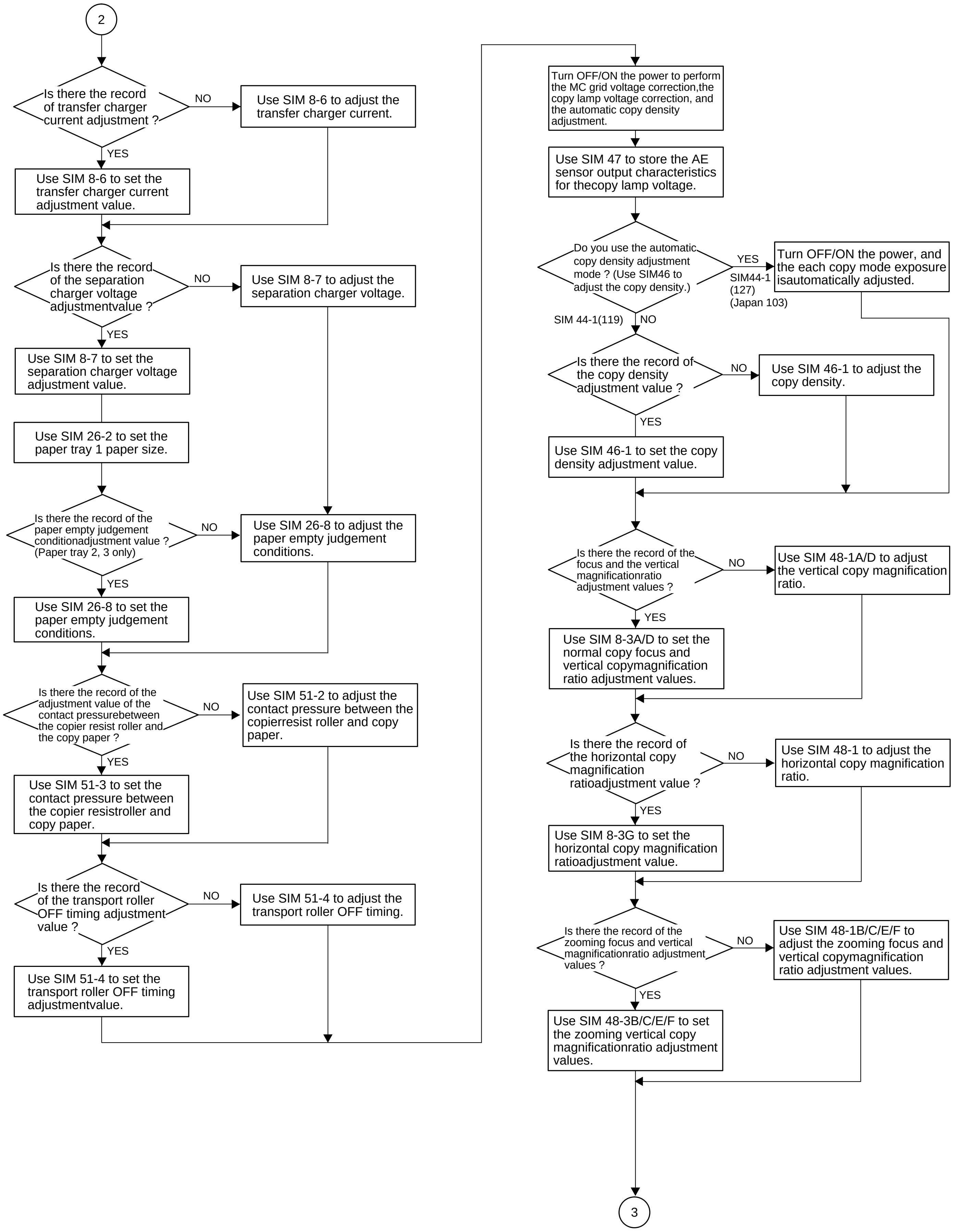
Follow the following procedure shown in the flowchart.

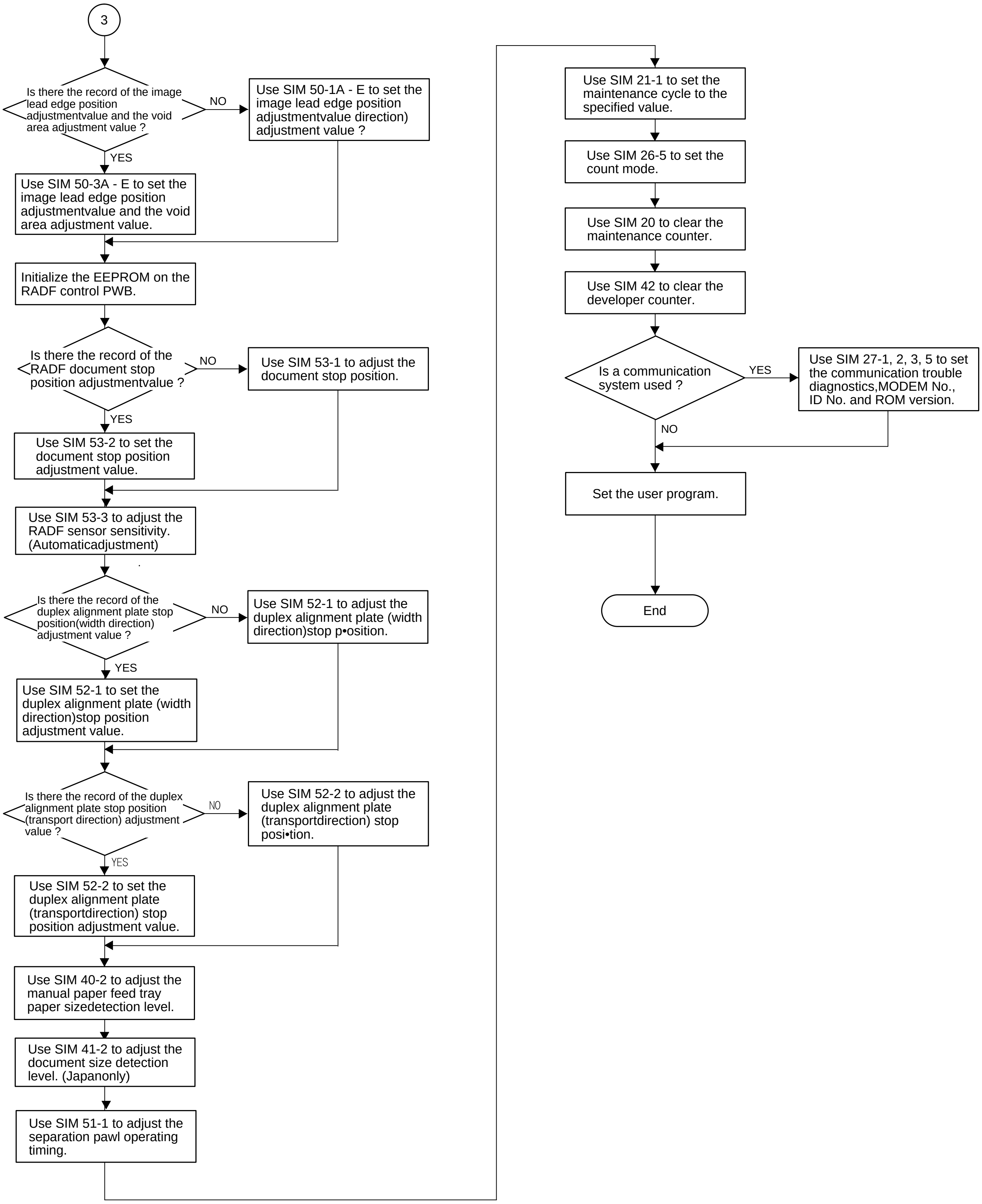

Memory trouble (U2) occurrence
Do you replace the main control PWB ?
NO
Repair the main control PWB.
YES
Replace the main control PWB.
1


U1 trouble occurrence
Replace the backup battery. (Connect the new battery in parallel,and remove the old backup battery.)
Use SIM 13 to cancel the trouble.
End


Replace the main control PWB.
Replace the main control PWB
1'


1
Use SIM 16 to cancel the U2 trouble.
Use SIM 26-6 to set the destination.
Use SIM 26-1 to set the options.
Use SIM 26-18 to set toner save mode YES/NO.
Use SIM 26-26 to set power shut down mode YES/NO.
Use SIM 24-1 to reset the jam counter.
Use SIM 24-2 to reset the trouble counter (trouble data).
Use SIM 24-3 to reset the duplex counter.
Use SIM 24-4 to reset the RADF counter.
Use SIM 24-5 to reset the staple counter.
Use SIM 24-6 to reset the paper feed tray counter.
Is toner concentration proper ?
YES
NO
Replace developer.
Use SIM 25-2 to set the toner concentration reference value.
Use SIM 43-1 to set the fusing temperature.
Use SIM 43-3 to adjust the fusing section paper transport speed.
Use SIM 26-7 to set the OPC drum sensitivity.
Do you use the automatic copy density adjustment mode ? (Use SIM 46 to adjust the copy density.)
NO
Use SIM 44-1 to set the process correction operation. (Set value119) (Seta value 103 for Japan)
YES
Use SIM 44-1 to set the process correction. (Set value 119)
Use SIM 44-4 to set the main charger grid voltage correction reference value. (Set value 75)
Is there a record of the manual copy mode MC grid voltageadjustment value ?
NO
Use SIM 8-2A to adjust the manual copy mode MC grid voltage.
YES
Use SIM 8-2A to set the manual copy mode MC grid voltage adjustmentvalue.
Is there a record of the photo copy mode MC grid voltage adjustmentvalue ?
NO
Use SIM 8-2B to adjust the photo copy mode MC grid voltage.
YES
Use SIM 8-2B to set the photo copy mode MC grid voltage adjustmentvalue.
Is there a record of the toner save mode MC grid voltage adjustmentvalue ?
NO
Use SIM 8-2C to adjust the toner save mode MC grid voltage.
YES
Use SIM 8-2C to set the toner save mode MC grid voltage adjustmentvalue.
2


2
Is there the record of transfer charger current adjustment ?
NO
Use SIM 8-6 to adjust the transfer charger current.
YES
Use SIM 8-6 to set the transfer charger current adjustment value.
Is there the record of the separation charger voltage adjustmentvalue ?
NO
Use SIM 8-7 to adjust the separation charger voltage.
YES
Use SIM 8-7 to set the separation charger voltage adjustment value.
Use SIM 26-2 to set the paper tray 1 paper size.
Is there the record of the paper empty judgement conditionadjustment value ? (Paper tray 2, 3 only)
NO
Use SIM 26-8 to adjust the paper empty judgement conditions.
YES
Use SIM 26-8 to set the paper empty judgement conditions.
Is there the record of the adjustment value of the contact pressurebetween the copier resist roller and the copy paper ?
NO
Use SIM 51-2 to adjust the contact pressure between the copierresist roller and copy paper.
YES
Use SIM 51-3 to set the contact pressure between the copier resistroller and copy paper.
Is there the record of the transport roller OFF timing adjustment value ?
NO
Use SIM 51-4 to adjust the transport roller OFF timing.
YES
Use SIM 51-4 to set the transport roller OFF timing adjustmentvalue.
Turn OFF/ON the power to perform the MC grid voltage correction,the copy lamp voltage correction, and the automatic copy density adjustment.
Use SIM 47 to store the AE sensor output characteristics for thecopy lamp voltage.
Do you use the automatic copy density adjustment mode ? (Use SIM46 to adjust the copy density.)
YES
SIM44-1 (127) (Japan 103)
Turn OFF/ON the power, and the each copy mode exposure isautomatically adjusted.
SIM 44-1(119)
NO
Is there the record of the copy density adjustment value ?
NO
Use SIM 46-1 to adjust the copy density.
YES
Use SIM 46-1 to set the copy density adjustment value.
Is there the record of the focus and the vertical magnificationratio adjustment values ?
NO
Use SIM 48-1A/D to adjust the vertical copy magnification ratio.
YES
Use SIM 8-3A/D to set the normal copy focus and vertical copymagnification ratio adjustment values.
Is there the record of the horizontal copy magnification ratioadjustment value ?
NO
Use SIM 48-1 to adjust the horizontal copy magnification ratio.
YES
Use SIM 8-3G to set the horizontal copy magnification ratioadjustment value.
Is there the record of the zooming focus and vertical magnificationratio adjustment values ?
NO
Use SIM 48-1B/C/E/F to adjust the zooming focus and vertical copymagnification ratio adjustment values.
YES
Use SIM 48-3B/C/E/F to set the zooming vertical copy magnificationratio adjustment values.
3


3
Is there the record of the image lead edge position adjustmentvalue and the void area adjustment value ?
NO
Use SIM 50-1A - E to set the image lead edge position adjustmentvalue direction) adjustment value ?
YES
Use SIM 50-3A - E to set the image lead edge position adjustmentvalue and the void area adjustment value.
Initialize the EEPROM on the RADF control PWB.
Is there the record of the RADF document stop position adjustmentvalue ?
NO
Use SIM 53-1 to adjust the document stop position.
YES
Use SIM 53-2 to set the document stop position adjustment value.
Use SIM 53-3 to adjust the RADF sensor sensitivity. (Automaticadjustment)
Is there the record of the duplex alignment plate stop position(width direction) adjustment value ?
NO
Use SIM 52-1 to adjust the duplex alignment plate (width direction)stop p•osition.
YES
Use SIM 52-1 to set the duplex alignment plate (width direction)stop position adjustment value.
Is there the record of the duplex alignment plate stop position (transport direction) adjustment value ?
NO
Use SIM 52-2 to adjust the duplex alignment plate (transportdirection) stop posi•tion.
YES
Use SIM 52-2 to set the duplex alignment plate (transportdirection) stop position adjustment value.
Use SIM 40-2 to adjust the manual paper feed tray paper sizedetection level.
Use SIM 41-2 to adjust the document size detection level. (Japanonly)
Use SIM 51-1 to adjust the separation pawl operating timing.
Use SIM 21-1 to set the maintenance cycle to the specified value.
Use SIM 26-5 to set the count mode.
Use SIM 20 to clear the maintenance counter.
Use SIM 42 to clear the developer counter.
Is a communication system used ?
YES
Use SIM 27-1, 2, 3, 5 to set the communication trouble diagnostics,MODEM No., ID No. and ROM version.
NO
Set the user program.
End

3. Paper jam, misfeed troubles

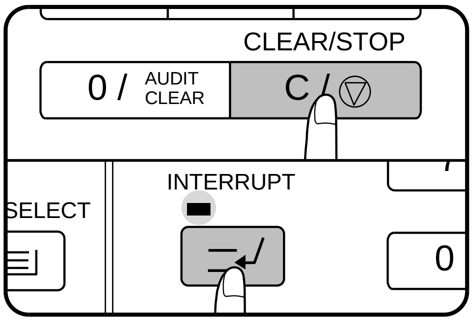
	Display/print	Description
Copier	MFT	Manual paper feed tray paper jam (MPFD not reached)
	TRAY1	Tray 1 paper feed jam (PFD1 not reached)
	TRAY2	Tray 2 paper feed jam (PFD2 not reached)
	TRAY3	Tray 3 paper feed jam (PFD2 not reached)
	CAS	Side cassette paper jam (CPFD not reached)
	DUP	Duplex tray paper jam (DPFD not reached)
	MPFD	MPFD jam (PPD2 not reached)
	PFD1	PFD1 jam (PFD1 remaining/PPD2 not reached)
	PFD2	PFD1 jam (PFD2 remaining/PPD2 not reached)
	PFD3	PFD3 jam (PFD3 remaining/PPD1 not reached)
	CPFD	CPFD jam (PPD2 not reached)
	DPFD	CPFD jam (DPFD remaining/PPD2 not reached)
	PPD1	PPD1 jam (PPD1 remaining/PPD2 not reached)
	PPD2	PPD2 jam (PPD2 remaining/PPD3 not reached)
	PPD3	PPD3 jam (PPD3 remaining/PSD not reached)
	PSD	PSD jam (PSD remaining/POD not reached)
	POD	POD jam (POD remaining/POD2 not reached/DSBO not reached)
	DSBD	DSBO jam (DSBO remaining)
	DPPD	DPFD jam (DPPD remaining/DPID not reached)
	DB	Switchback jam (DPPD not reached)
	POD2	POD2 jam (POD2 remaining)
RADF	OG_FD	RADF preliminary paper feed jam
	OG_ST	RADF paper feed jam
	EXT	RADF paper exit jam
	REV	RADF reverse jam
Sorter	SPID	Sorter paper entry jam
	SPOD	Sorter paper exit jam
	BINEXT	Sorter bin outside jam

[11] KEY OPERATOR PROGRAM

Key operator program operations

① Perform the key operations as follows:

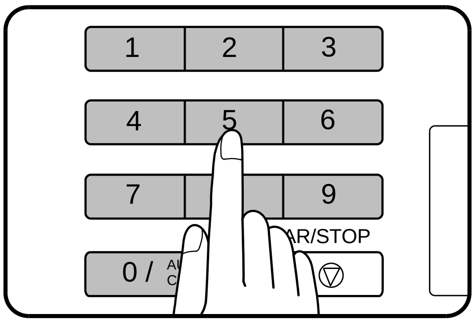
Clear/Stop → Interruption → Clear/Stop


CLEAR/STOP
0 / AUDIT CLEAR
C /
SELECT
INTERRUPT
0

"P" is displayed on the COPIES SELECTED display, and the following message is displayed.

```
ENTER THE KEY OPERATOR
CODE.
                   ----
```

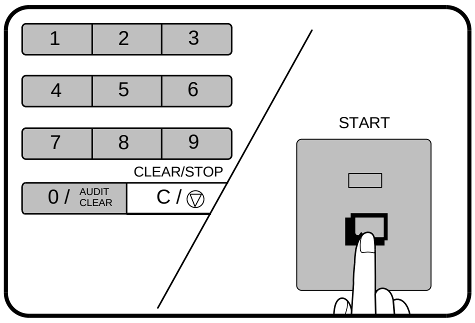
② Enter the key operator code (6 digits).


1
2
3
4
5
6
7
9
AR/STOP
0 /

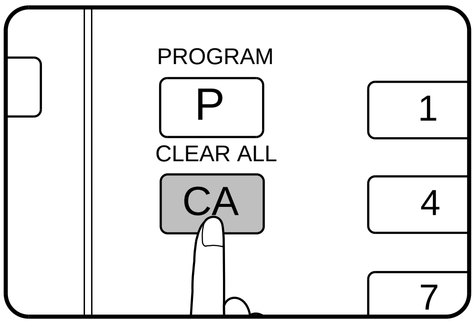
The hyphens (−) in the message are changed to asterisks (∗).

```
ENTER THE KEY OPERATOR
CODE.
                   ***-
```

③ Enter the number (2 digits) of program to be used and press the START key.


1
2
3
4
5
6
7
8
9
CLEAR/STOP
0 / AUDIT CLEAR
C /
START

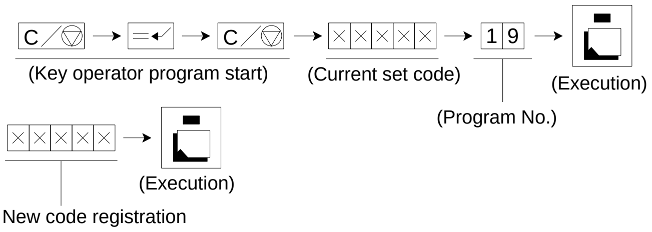
④ To end the program, press the CA key.


PROGRAM
P
CLEAR ALL
CA
1
4
7

(Initial setting)

The key operator code is set to "000000" when shipping from the factory.

(Registering procedure)


C
C
1 9
(Key operator program start)
(Current set code)
(Execution)
(Program No.)
(Execution)
New code registration

Program list

	Code	Program name	Function
*2	P10	Department control counter setting/cancel	Used to set or cancel the department control counter.
*2	P11	Copies made count	Used to display the total copy count of each department.
*2	P12	Total amount	Used to print (*1) or display the total amount of each department.
*2	P13	Total clear	Used to clear the total of each department.
*2	P14	Department number control (registration, clear, change, display)	Used to register, clear, or change the department number. Used to print (*) the registered department number.
*2	P15	Copy unit price setting	Used to set three kinds of copy unit prices.
*2	P16	Setting/cancel of the upper limit of copies made number	Used to set or cancel the upper limit of copies made number for each department.
	P17	Machine number setting	Used to register and print (*1) the ID number of the copier.
*2	P18	Warning to erroneous input of the department number	When the department number is erroneously inputted three times continuously, the warning is displayed. (In order to prevent against use with another department number.)
	P19	Key operator code number change	Used to change the key operator code number.
	P20	Copy density level adjustment	Used to adjust the copy density in automatic and manual density adjustment.
	P21	Auto power shut off time setting	Used to set the auto power shut off time after turning on the power. (10 min ~ 2 hours)
	P23	Auto clear time setting	Used to set the time to return to the standard condition automatically after completion of copying. (10 sec ~ 240 sec. Or the auto clear function can be inhibited.)
	P24	Fixed magnification ratio setting	Used to add or change fixed magnification ratios. (Two ratios can be set for either of enlargement and reduction.)
	P25	Setting of the upper limit of copies selected number	Used to set the upper limit of copies selected number (the number of copy sets, the number of copies).
	P26	Binding margin setting	Used to change the binding margin.
	P27	Frame erase/center erase width setting	Used to change the frame erase/center erase width.
	P28	Standard state setting	Used to set the standard condition when the power is turned on.
	P29	Recall of total number of use	Used to print (*) or display the total use number of the copier, the RADF, the duplex tray, and the staple unit.
	P31	Pre-heat mode setting	Used to set the time to enter the pre-heat mode automatically after completion of copying. (1 min ~ 30 min. Or inhibition of pre-heat mode can be set.)
	P42	Binding direction change function selection	Used to select the binding margin direction.
	P43	Frame erase mode standard setting	Used to set the mode when the frame erase is set.
	P44	Inhibition of retrieval of the set page of registered insert paper insertion	Used to inhibit recall of the set page in insert cover insertion.
	P45	Message display time setting	Used to set the display time of messages.
	P46	Operation inhibition mode setting	Used to inhibit use of the copier by other operators than the specified one.
	P47	Stream feeding mode (SDF) setting/cancel (RADF unit)	Used to set or cancel the stream feeding mode.
	P48	Thin paper (RADF) mode setting	Used to set the thin paper mode with the RADF unit.
	P50	Staple position initial setting change	Used to change the initial setting of the staple position.
	P51	Sorter automatic front take-up function setting (Only for SF-S55)	Used to select between setting or no setting of copy automatic front take-up in each of the sort mode, the group mode, and the staple sort mode.
	P70	Paper automatic selection function inhibition (Only for SF-S55)	Used to inhibit the automatic paper selection.
	P71	Inhibition of automatic selection of No. 1, 2, 3 trays	Used to inhibit continuous selection (paper feed) of trays when the same size paper is loaded on trays 1, 2, and 3. (Used when different sizes of paper is loaded in each tray.)
	P72	Inhibition of use of manual feed tray in duplex copy	Used to inhibit the use of the manual feed tray in duplex copy.
	P73	Inhibition of rewriting of registered copy conditions	Used to clear or change the copy conditions registered by the copy condition registration function.
	P74	Inhibition of use of RADF	Used to inhibit the use of the RADF in case of trouble.
	P75	Inhibition of duplex copy	Used to inhibit the use of the duplex unit in case of trouble.
	P76	Inhibition of the staple function	Used to inhibit the use of staple function in case of a trouble in the staple unit.
	P77	Inhibition of cover/insert copy	Used to inhibit cover/insert copy.
	P78	Inhibition of pulling out the tray	Used to inhibit pulling out the tray except for paper supply and paper jam treatment.
	P80	Inhibition of copying in case of size/direction warning	Used to inhibit copying when the copy paper and the document are in different directions or when the suitable copy paper is not loaded.
	P82	Inhibition of duplex copy of cover/insert	Used to inhibit cover/insert copy when the cover/insert is set.
	P83	PC/MODEM access allow	Used to allow the other operator to make access to the operator program content without entering the key operator code number. (Used when a computer is connected directly or through the telephone line to the copier.)
	P90	Program list display	Used to display all the key operator program messages.
	P92	Program list print	Used to print (*1) all the key operator program list.

*1 To print, the optional commander (SF-EA13) is required.

2 Programs marked with "" cannot be set from the copier body when the optional card-type department control counter (SF-EA11) is installed. They can be set from the optional commander (SF-EA13).

[12] SETTING/ADJUSTMENT VALUES RECORDING SHEET

(Operation) ∗1: Impossible to input with the 10-key pad.

Purpose	Section	Main code	Sub code	Content	Standard value	Default	Set range	Adjustment /set value
Adjustment	Paper feed	26	8	Used to set the conditions for copy paper tray (No. 1-3) paper empty judgement.				
				26A: Paper feed tray 1 (Invalid)		—	—	—
				26B: Paper feed tray 2		12	1 ~ 30	
				26C: Paper feed tray 3		12	1 ~ 30	
		51	2	Used to adjust copy paper contact pressure onto the resist roller in each paper feed mode.				
				51A: Manual paper feed tray		26	0 ~ 50	
				51B: Tray 1		30	0 ~ 50	
				51C: Tray 2		30	0 ~ 50	
				51D: Tray 3		30	0 ~ 50	
				51E: Cassette		30	0 ~ 50	
				51F: Not used				
				51G: Duplex unit		25	0 ~ 50	
			3	Used to input the contact pressure adjustment value of paper onto the resist roller. Same as SIM 51-2 but without copying.				
				51A: Manual paper feed tray				
				51B: Tray 1		26	1 ~ 50	
				51C: Tray 2		30	1 ~ 50	
				51D: Tray 3		30	1 ~ 50	
				51E: Cassette		30	1 ~ 50	
				51F: Not used				
				51G: Duplex unit		30	1 ~ 50	
			4	Used to adjust the paper stop position in front of the resist roller.		25	1 ~ 50	
	Manual paper feed tray	40	2	Used to adjust the detection level of the manual paper feed tray paper width detector.				∗1
	Paper transport	51	1	Used to adjust the OPC drum separation pawl ON timing.		8	0 ~ 20	
	Duplex	52	1	Used to adjust the duplex unit paper tray width direction alignment plate stop position.		55	1 ~ 99	
			2	Used to adjust the duplex unit paper tray paper transport direction alignment plate stop position.		39	1 ~ 99	
	Optical	48	1	Used to adjust the copy magnification ratio and the focus.				
				48A: Copy magnification ratio adjustment value (Normal)		50	1 ~ 99	
				48B: Copy magnification ratio adjustment value (Reduction)		26	1 ~ 51	
				48C: Copy magnification ratio adjustment value (Enlargement)		16	1 ~ 31	
				48D: Focus adjustment value (Normal)		60	1 ~ 119	
				48E: Focus adjustment value (Reduction)		26	1 ~ 51	
				48F: Focus adjustment value (Enlargement)		26	1 ~ 51	
				Horizontal (paper transport direction) copy magnification ratio adjustment		15	1 ~ 30	

Purpose	Section	Main code	Sub code	Content	Standard value	Default	Set range	Adjustment /set value
Adjustment	Optical	48	3	Used to input the copy magnification ratio and the focus adjustment value without copying.				
				48A: Copy magnification ratio adjustment value (Normal)		50	1 ~ 99	
				48B: Copy magnification ratio adjustment value (Reduction)		26	1 ~ 51	
				48C: Copy magnification ratio adjustment value (Enlargement)		16	1 ~ 31	
				48D: Focus adjustment value (Normal)		60	1 ~ 119	
				48E: Focus adjustment value (Reduction)		26	1 ~ 51	
				48F: Focus adjustment value (Enlargement)		26	1 ~ 51	
				48G: Mirror speed correction value		15	1 ~ 30	
		50	1	Used to adjust the copy image position and void area (image loss).				
				50A: Distance data from MHP OFF to the image lead edge.		50	0 ~ 99	
				50B: Time data from the image lead edge to RRC ON.		50	0 ~ 99	
				50C: Time data from RRC ON to PSBRK OFF.		10	1 ~ 20	
				50D: Lead edge void amount data		10	0 ~ 20	
				50E: Rear edge void amount data		10	0 ~ 20	
			3	Used to adjust the copy image position and void area (image loss) adjustment value. Same as SIM 50-1, but without copying.				
				50A: Distance data from MHP OFF to the image lead edge.		50	0 ~ 99	
				50B: Time data from the image lead edge to RRC ON.		50	0 ~ 99	
				50C: Time data from RRC ON to PSBRK OFF.		10	1 ~ 20	
				50D: Lead edge void amount data		10	0 ~ 20	
				50E: Rear edge void amount data		10	0 ~ 20	
	Process	8	2	Used to check and adjust the main charger grid voltage and its control circuit operation in each copy mode.				
				OBA: AE/MANUAL		750	200 ~ 999	
				OBB: PHOTO		490	200 ~ 999	
				OBC: TONER SAVE		645	200 ~ 999	
			6	Used to check and adjust the transfer charger current and its control circuit operation.		40	11 ~ 56	
			7	Used to check and adjust the separation charger voltage and its control circuit operation.		40	18 ~ 56	
		25	2	Used to make initial setting of toner concentration.		128	0 ~ 255	
	RADF	53	1	Used to adjust the document stop position of each operation mode of RADF.				
				A (Normal paper/surface mode)		8	0 ~ 15	
				B (Normal paper/back mode)		8	0 ~ 15	
				C (Thin paper/surface mode)		8	0 ~ 15	
				D (Thin paper/back mode)		8	0 ~ 15	
				E (Normal paper/step mode)		8	0 ~ 15	
				F (Thin paper/step mode)		8	0 ~ 15	
			2	Used to adjust the document stop position of each operation mode of RADF. Same as SIM 53-1, but without copying.				
				A (Normal paper/surface mode)		8	0 ~ 15	
				B (Normal paper/back mode)		8	0 ~ 15	
				C (Thin paper/surface mode)		8	0 ~ 15	
				D (Thin paper/back mode)		8	0 ~ 15	
				E (Normal paper/step mode)		8	0 ~ 15	
				F (Normal paper/step mode)		8	0 ~ 15	
			3	Used to adjust the sensitivity 'threshold level) of the photo sensor in the RADF.				∗1
	Document size sensor	41	2	Used to adjust the detection level of the document size sensor. (Japan only)				∗1
	Fusing unit	43	3	Used to adjust the fusing roller rotation speed.		2	1 ~ 21	
Setting	Paper feed	26	2	Paper tray 1 paper size setting		1	1 ~ 2 (3)	
	Process		7	OPC drum sensitivity setting		2	1 ~ 3	
		44	1	Main charger grid voltage correction, optical unit correction, OPC drum, toner concentration correction and auto copy density adjustment	127	127	1 ~ 127	
			4	Image density setting in the main charger grid voltage of correction	75	75		
	Fusing	43	1	Fusing temperature setting in each copy mode (Depends on the destination.) Single copy mode			1 ~ 5	
				Duplex copy mode			1 ~ 9	
	Auditor	26	3	Auditor specification setting (expansion memory initializing)		1	1 ~ 5	
	Others	26	18	Toner save operation setting		0	0 ~ 1	
			26	Power shut down mode setting		0	0 ~ 1	
			28	Additional setting of fixed magnification ratios (Registration/change)				

(Copy density adjustment)

Purpose	Section	Main code	Sub code	Content	Standard value	Default	Set range	Adjustment /set value
Copy density adjustment	Copy density adjustment	46	1	Used to adjust the copy density and the copy density gradient (exposure gradient) in each copy mode. (Non-toner save mode)				
				Manual mode EXP1	680	680	450 ~ 800	
				Manual mode EXP5	580	580	450 ~ 800	
				Photo mode EXP1	580	580	450 ~ 800	
				Photo mode RXP5	480	480	450 ~ 800	
				Auto mode	610	610	450 ~ 800	
				(Toner save mode)				
				Manual mode EXP1	650	650	450 ~ 800	
				Manual mode EXP5	550	550	450 ~ 800	
				Auto mode	580	580	450 ~ 800	
			47	Used to store the AE sensor and the optical section characteristics for the change in the copy lamp applying voltage.				∗1
(Specifications)								
Setting	Option	26	1	Option setting program		0	0 ~ 2	
	Destination		6	Used to make destination settings.		1	1 ~ 10	
(Counter)								
Setting	Maintenance cycle	21	1	Maintenance cycle setting		0	0 ~ 2	
	Count mode (Maintenance/total)	26	5	Total counter and maintenance counter count mode setting		0	0 ~ 3	
(Communication)								
Setting	I/F	27	1	Used to set whether self diag (U7-00) is displayed and copying is stopped or not in case of a communication trouble between the host computer and the MODEM.		0	0 ~ 1	
			2	Used to set and change the host computer/MODEM No.				
			3	Used to set and change the copier and the host computer/MODEM ID No.				
			4	Used to input the servicing start time and end time for servicing time control.				
			5	Used to input the copier tag No.				
(Others)								
Check	User program	22	4	Used to display the key operator code.				

[13] OTHERS

SD-2260/2060 unit parts compatibility table

N: New

Unit	Part name	Compatibility			Change content, change reason
		SD-2260		SD-2060/2160	
Mechanical unit	RADF unit	N	No		Original transport speed up, original stop accuracy up Improved replaceability of transport belt
	External parts (Cabinet)	Partially N			Compatible except for the following cabinet. • Upper right cabinet, right side cabinet, right lower cabinet, rear cabinet, RADF hinge section cabinet (common with SD-2120), No. 1 paper feed tray display (cabinet)
	Cleaner unit		⇔		
	Suction duct unit	N	No		The shape is changed to improve ozone exhaust capability (Rear frame side)
	Chassis	N	No		Change in the paper feed section (major cause)
	Duplex unit	N	No		Changes in paper feed blower section, drive section (to improve paper feed capability)
	Toner hopper unit	N	No		Addition of toner motor, toner empty sensor change in supply duct (to improve supply capability of toner)
	Process unit	N	No		Different wiring of connectors in the link section with the rear frame. Compatible except for the harness.
	Manual paper feed, cassette paper feed unit	N	No		Manual paper feed capacity increase, addition of cassette paper feed unit
	Manual paper feed, cassette paper feed drive unit	N	No		Manual paper feed capacity increase, addition of cassette paper feed unit
	Main charger unit		⇔		
	OPC drum flange unit		⇔		
	OPC drum drive unit	N	No		Process speed change
	Paper feed drive unit		⇔		
	Developing duct unit	N		—	Newly added.
	Developing unit	N	No		
	Manual paper feed unit	N	No		Manual paper feed capacity up
	Operation panel unit	N	No		
	No. 1 paper feed tray	N	No		Paper feed capacity up
	No. 1 paper feed unit		⇔		
	No. 2/3 paper feed tray		⇔		
	No. 2/3 paper feed unit		⇔		
	Fusing fan duct unit		⇔		
	Fusing unit	N	No		Addition of curl correction section adjustment feature (Japan 15A/20A specification erroneous insertion protection feature added, different heater lamp specification)
	Fusing drive unit	N	No		Due to addition of fusing drive motor
	Transfer/separation charger unit	N	⇒		Improved transfer capability (against leak)
	Pre-transfer discharge charger unit		⇔		
	Paper cassette	N		—	Newly added.
	Paper transport unit	N	No		Change in paper path due to addition of paper cassette
	Paper transport drive unit	N	No		Change with change in duplex drive system

Unit	Part name	Compatibility			Change content, change reason
		SD-2260		SD-2060/2160	
Motor	Alignment (length) motor (duplex)		⇔		
	Alignment (width) motor (duplex)	N	No		Improved control accuracy (increased number of steps)
	Cooling motor (optical section)		⇔		
	Cooling motor 1 (optical section)		⇔		
	Cooling motor 2 (optical section)		⇔		
	Suction motor	N	No		Increased suction amount (cost down)
	Suction motor	N	No		Increased suction amount (cost down)
	Switchback motor		⇔		
	Scanner motor	N	No		Process speed change
	Toner motor 1	N	No		RPM up (different control signal) Improved toner following capability
	Toner motor 2	N	No		
	Toner motor 3	N	No		
	Blower valve motor (duplex)	N		—	Newly added.
	Blower motor	N	No		Increased blow amount (cost down)
	Blower motor (duplex)	N		—	Newly added.
	Ventilation motor		⇔		
	Mirror motor		⇔		
	Lens motor		⇔		
	Image forming section cooling motor		⇔		
	OPC drum/developing motor	N	No		Increased RPM
	Paper feed/transport motor	N		—	Newly added.
	Original feed motor		No		Increased original transport speed
	Original reverse/discharge motor		No		Increased original transport speed
	Original transport motor		No		Increased original transport speed, increased original stop accuracy
	Developing cooling motor	N		—	Newly added.
	No. 1 paper feed tray lift motor	N	No		Lifting speed up
	No. 2 paper feed tray lift motor		⇔		
	No. 3 paper feed tray lift motor		⇔		
	Fusing cooling motor		⇔		
	Fusing motor	N		—	Newly added.
	Power cooling motor	N		—	Newly added.
	Paper cassette lift motor	N		—	Newly added.

Unit	Part name	Compatibility			Change content, change reason
		SD-2260		SD-2060/2160	
PWB	AC power PWB	N	No		Shape change, same operation specification
	AE sensor PWB		⇔		
	DC power PWB	N	No		Shape change, same operation specification
	LCD invertor PWB	N	⇔		
	LCD unit		⇔		
	RADF control PWB	N	No		
	RADF display PWB		⇔		
	Image density sensor PWB		⇔		
	Operation control PWB	N	No		Increased memory capacity for moving picture
	Key PWB 1		⇔		
	Key PWB 2	N	No		Different layout of LED keys
	Commander I/F PWB		⇔		
	Blank lamp PWB	N	No		Different connector wiring. Different connection of the same signal names
	Process sensor PWB		⇔		
	Main control PWB	N	No		Addition of devices for SF-S55
	OPC drum mark sensor PWB		⇔		
	Paper size detection PWB (No. 2/3 paper feed tray)		⇔		
	Paper feed tray switch PWB		⇔		
	Paper feed tray lift motor fuse PWB	N	No		No. 1 paper feed tray motor fuse specification is changed from 1.25A to 2.0A.
	Original size detection PWB (Light reception unit)		⇔		Common with SD-2160 (Japan only)
	Original size detection PWB (light emitting unit)		⇔		Common with SD-2160 (Japan only)
	Optical dirt sensor PWB		⇔		
	High voltage PWB	N	No		Shape change, same operation specification (Developing bias voltage is adjust by VR.)
	Discharge lamp PWB		⇔		
	Display adjustment PWB	N		—	Newly added.
	Paper cassette size detection PWB	N		—	Newly added.
Others					

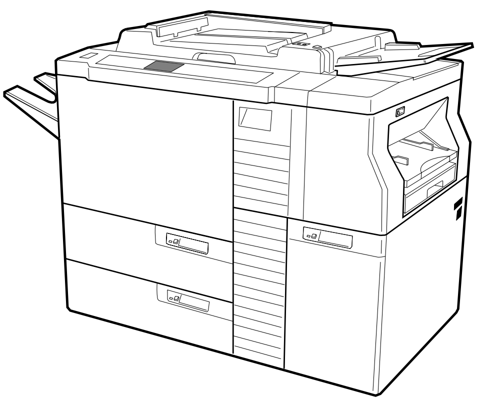
[Paper kinds and sizes]

Paper name	Abbreviation	Size (W × L) mm
A3	A3	(297 ± 1) × (420 ± 1)
A4	A4	(297 ± 1) × (210 ± 1)
A5	A5	(210 ± 1) × (148.5 ± 1)
B4	B4	(257 ± 1) × (364 ± 1)
B5	B5	(257 ± 1) × (182 ± 1)
11" × 17"	11 × 17	(279 ± 1) × (432 ± 1)
LETTER (8½" × 11")	LTR	(297 ± 1) × (216 ± 1)
STATEMENT	STMT	(216 ± 1) × (139.5 ± 1)
LEGAL (8½" × 14")	LGL	(216 ± 1) × (356 ± 1)
Korea official paper	K-LGL	(265 ± 1) × (190 ± 1)

Paper name	Abbreviation	Size (W × L) mm
Korea official paper R	K-LGLR	(190 ± 1) × (265 ± 1)
FOOLSCAP	FLSC	(216 ± 1) × (330 ± 1)
Australian FOOLSCAP	A-FLS	(206 ± 1) × (337 ± 1)
OFICIO	OFI	(216 ± 1) × (317 ± 1)
Euador OFICIO	E-OFI	(220 ± 1) × (320 ± 1)
Bolivia OFICIO	B-OFI	(216 ± 1) × (355 ± 1)
Argentine LETTER	A-LTR	(280 ± 1) × (220 ± 1)

Paper name	Abbreviation	Size (W × L) mm
Government LETTER	G-LTR	(267 ± 1) × (203 ± 1)
Argentine LEGAL	A-LGL	(220 ± 1) × (340 ± 1)
Government LEGAL	G-LGL	(203 ± 1) × (330 ± 1)
FOLIO	FOLI	(216 ± 1) × (317 ± 1)
Argentine OFFICIO	A-OFI	(220 ± 1) × (340 ± 1)

SHARP PARTS GUIDE



CODE: 00ZSD2260PG-1

デュプリケーター
Duplicator

MODEL SD-2260

このパーツガイドに掲載されている表示価格ランクは消費税抜きです。

CONTENTS

1 外装 (Exteriors)
2 操作部 (Operation panel section)
3 上キャビ後 (Upper exterior rear)
4 第１ミラー部 (1st mirror section)
5 第2,3,4,5ミラー部 (2nd,3rd,4th,5th mirror section)
6 オリジナルストッパー部 (Document stopper section)
7 光学部 (Optical section)
8 前フレーム (Front frame)
9 後フレーム１ (Rear frame 1)
10 後フレーム２ (Rear frame 2)
11 プロセス部 (Process section)
12 ドラムフランジ部 (Drum flange section)
13 定着部 (Fusing section)
14 トナーボックス部 (Toner box section)
15 現像部 (Developer section)
16 搬送部 (Transport section)
17 排紙部 (Discharge section)
18 クリーナー部 (Cleaner section)
19 第2,3給紙部 (2nd,3rd paper feeding section)
20 第１給紙部 (1st paper feeing section)
21 第2,3給紙トレイ部 (2nd,3rd paper feeding tray section)
22 第１給紙トレイ部 (1st paper feeding tray section)
23 給紙トレイキャビネット (Paper feeding tray cabinet)
24 定着駆動部 (Fusing drive section)
25 搬送駆動部 (Transport drive section)
26 給紙駆動部 (Paper feeding drive section)
27 手差し駆動部 (Manual paper feeding drive section)
28 プロセス駆動部 (Process drive section)
29 サクション部 (Suction section)
30 デュープレックス部１ (Duplex section 1)
31 デュープレックス部２ (Duplex section 2)
32 スイッチバック部 (Switch back section)
33 DVダクト部 (DV duct section)
34 クーリングファン部 (Cooling fan section)
35 サクションファン部 (Suction fan section)
36 定着ファンダクト部 (Fusing fan duct section)
37 廃トナー部 (Waste toner section)
38 手差し給紙部１ (Manual paper feeding section 1)
39 手差し給紙部２ (Manual paper feeding section 2)
40 手差し給紙部３ (Manual paper feeding section 3)
41 手差し給紙トレイ部 (Manual paper feeding tray section)
42 給紙ｶｾｯﾄ (Paper feeding cassette)
43 MC部 (MC section)
44 PTC部 (PTC section)
45 TC/AC部 (TC/AC section)
46 AC回路台板部 (AC circuit base section)
47 RADF···外装 (RADF···Exteriors)
48 RADF···搬送部１ (RADF···Transport section 1)
49 RADF···搬送部２ (RADF···Transport section 2) 吋
50 RADF···搬送部３ (RADF···Transport section 3)
51 RADF···給紙トレイ部 (RADF···Paper feeding tray section)
52 梱包材＆付属品 (Packing materials & Accessories)
53 メインコントロール基板 (Main control PWB)
54 操作ｷｰ基板１ (Operation key PWB 1)
55 操作コントロール基板 (Operation control PWB)
56 プロセスコントロール基板 (Process control PWB)
57 AC回路基板 (AC circuit PWB)
58 トレイモーター基板 (Tray motor PWB)
59 DC電源基板 (DC power supply PWB)
60 RADF···コントロール基板 (RADF···Control PWB)
■ 索引 (Index)

本書はサービス活動用に作成した資料です。
一部内容が製品の改良・改善等により予告な
しにかわることがあります。

SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

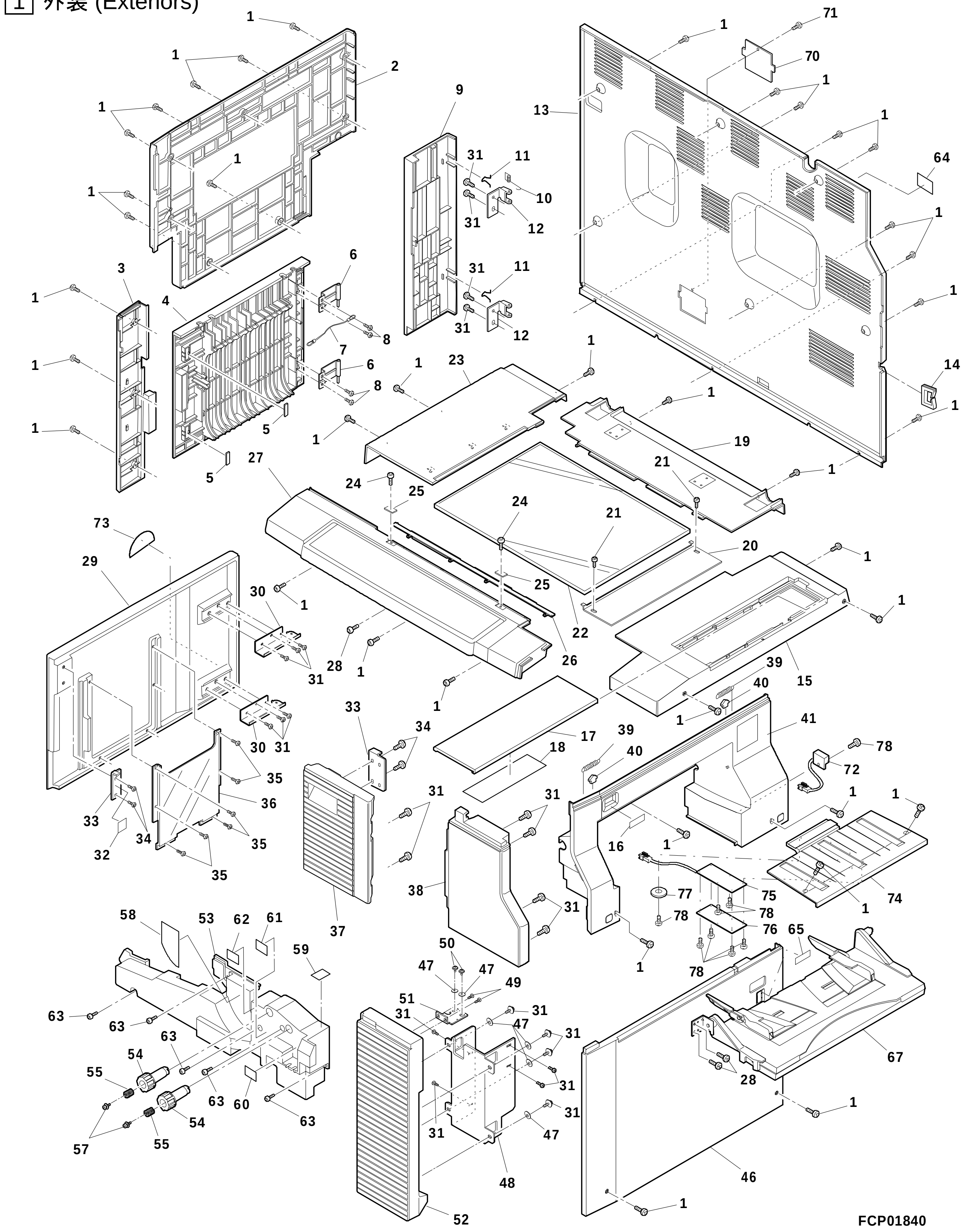
1 外装 (Exteriors)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	XHBSE40P10000	AA	DD		C	Screw (4 X 10)	ﾋﾞｽ
2	GCAB-0778FCZZ	BE	GN		D	Left exterior upper	ﾋﾀﾞﾘｷｬﾋﾞ ｳｴ
3	GCAB-0771FCZZ	AU	FG		D	Left exterior right	ﾋﾀﾞﾘｷｬﾋﾞﾐｷﾞ
4	GCAB-0772FCZZ	BC	GJ		D	Left exterior lower	ﾋﾀﾞﾘｷｬﾋﾞｼﾀ
5	LPLTM3777FCZZ	AB	DD		C	MG catch plate	MGｷｬｯﾁﾌﾟﾚｰﾄ
6	CHNG-0164FC01	AK	EB		C	L exterior lower hinge L	Lｷｬﾋﾞｼﾀﾋﾝｼﾞ L
7	PWiR-0163FCZZ	AK	EB		C	Stopper wire	ｽﾄｯﾊﾟｰﾜｲﾔｰ
8	XEBSD40P08000	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
9	CFTA-0097FC01	AZ	FX		D	Waste toner cover	ﾊｲﾄﾅｰﾌﾀ
10	MSPRC2163FCZZ	AD	DS		C	Waste toner spring	ﾊｲﾄﾅｰｽﾌﾟﾘﾝｸﾞ
11	LPiNS0266FCZZ	AG	DX		C	Waste toner hinge pin	ﾊｲﾄﾅｰﾋﾝｼﾞﾋﾟﾝ
12	MHNG-0161FCZZ	AE	DS		C	Waste toner cover hinge	ﾊｲﾄﾅｰﾌﾀﾋﾝｼﾞ
13	GCAB-0868FCZZ	BS	MJ	N	D	Rear exterior	ｳｼﾛｶﾞｲｿｳ
14	LHLDW1345FCZZ	AC	DJ		C	Wire holder (EH-14S)	ｴｯｼﾞｻﾄﾞﾙ
15	GCAB-0872FCZZ	BD	GJ	N	D	Upper exterior right	ｳｴｷｬﾋﾞﾐｷﾞ
16	TLABZ1840FCWZ	AB	DD		C	Power mark label (Japan only)	ﾃﾞﾝｹﾞﾝﾏｰｸﾗﾍﾞﾙ
17	PFTA-0098FCZZ	AU	FG		D	Toner cover	ﾄﾅｰﾌﾀ
18	TLABH3956FCZZ	AN	EQ	N	C	Toner supply label (Japan only)	ﾄﾅｰﾎｷｭｳﾗﾍﾞﾙJ ｽｹｰﾃｨﾝｸﾞ B
	TLABH3957FCZZ	AN	EQ	N	C	Toner supply label (U.S.A.)	ﾄﾅｰﾎｷｭｳﾗﾍﾞﾙU ｽｹｰﾃｨﾝｸﾞ A
	TLABH3959FCZZ	AN	EQ	N	C	Toner supply label (North America,Central South America,Asia)	ﾄﾅｰﾎｷｭｳﾗﾍﾞﾙE4 ｽｹｰﾃｨﾝｸﾞ A
	TLABH3958FCZZ	AN	EQ	N	C	Toner supply label (U,Kingdom,Australia)	ﾄﾅｰﾎｷｭｳﾗﾍﾞﾙｽｹｰﾃｨﾝｸﾞ B
	TLABH3960FCZZ	AN	EQ	N	C	Toner supply label (Europe,Oceania,the Near and Middle East,Africa)	ﾄﾅｰﾎｷｭｳﾗﾍﾞﾙｽｹｰﾃｨﾝｸﾞ B
19	GCAB-0817FCZZ	AZ	FX		D	Upper exterior rear (Japan only)	ｳｴｷｬﾋﾞｳｼﾛ
	GCAB-0777FCZZ	AZ	FX		D	Upper exterior rear (Except Japan)	ｳｴｷｬﾋﾞｳｼﾛ
20	LFiX-0451FCZ1	AN	EQ		C	Table glass fixing plate	ﾃｰﾌﾞﾙｶﾞﾗｽｵｻｴﾊﾞﾝ
21	LX-BZ0332FCZZ	AA	DD		C	Screw (4 X 6)	ﾋﾞｽ(ﾄﾗｽ)
22	PGLSP0077FCZZ	BL	HR		B	Table glass	ﾃｰﾌﾞﾙｶﾞﾗｽ
23	GCAB-0775FCZZ	BA	GD		D	Upper exterior left	ｳｴｷｬﾋﾞﾋﾀﾞﾘ
24	XBSSE30P10000	AA	DD		C	Screw (3 X 10)	ﾋﾞｽ
25	LPLTM4423FCZZ	AB	DJ		C	Magnet catch plate	ﾏｸﾞﾈｯﾄｷｬｯﾁｲﾀ
26	CPNLC0213FC01	AN	EQ		D	Operation panel B (Japan only)	ｿｳｻﾊﾟﾈﾙ B
	CPNLC0213FC02	AN	EQ		D	Operation panel B (AB series···Except Japan)	ｿｳｻﾊﾟﾈﾙ B
	CPNLC0213FC03	AM	EG		D	Operation panel B (Inch series)	ｿｳｻﾊﾟﾈﾙ B
27	HPNLC0212FCZ3	AL	EB	N	D	Operation panel A	ｿｳｻﾊﾟﾈﾙA
28	LX-BZ0689FCZZ	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
29	CCAB-0764FC07	BX	TF	N	D	Front exterior L	ﾏｴｷｬﾋﾞ L
30	MHNG-0159FCZZ	AK	EB		C	Front exterior L hinge	ﾏｴｷｬﾋﾞ Lﾋﾝｼﾞ
31	LX-BZ0527FCZZ	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
32	PSHEP2922FCZZ	AA	DD		C	Front exterior sheet	ﾏｴｷｬﾋﾞｼｰﾄ
33	LPLTM3415FCZZ	AE	DS		C	MG catch plate	MGｷｬｯﾁﾌﾟﾚｰﾄ
34	XBBSF30P06000	AA	DD		C	Screw (3 X 6)	ﾋﾞｽ
35	XEPSF30P08000	AA	DD		C	Screw (3 X 8)	ﾋﾞｽ
36	PCŌVP1240FCZZ	AR	EZ		D	Operation manual cover	ﾄﾘｾﾂｲﾚｶﾊﾞｰ
37	GCAB-0765FCZ1	BF	GT		D	Front exterior R	ﾏｴｷｬﾋﾞ R
38	GCAB-0869FCZZ	BF	GN	N	D	Front exterior RR	ﾏｴｷｬﾋﾞ RR
39	MSPRC2116FCZZ	AB	DJ		C	Manual feed lock spring	ﾃｻﾞｼﾛｯｸｽﾌﾟﾘﾝｸﾞ
40	PTME-0228FCZZ	AC	DJ		C	Manual feed lock pawl	ﾃｻﾞｼﾛｯｸﾂﾒ
41	GCAB-0870FCZZ	BF	GN	N	D	Right exterior upper (U.S.A.,CANADA)	ﾐｷﾞｷｬﾋﾞｳｴ
	GCAB-0870FCZ1	BF	GN	N	D	Right exterior upper (Other countries)	ﾐｷﾞｷｬﾋﾞｳｴ
46	GCAB-0871FCZ1	BH	GX	N	D	Right exterior lower	ﾐｷﾞｷｬﾋﾞｼﾀ
47	LX-WZ0028FCZZ	AA	DD		C	Washer	ﾜｯｼｬ
48	LANGT1372FCZZ	AS	EZ		C	Transport angle	ﾊﾝｿｳﾌﾞﾗｹｯﾄ
49	LX-BZ0469FCZZ	AB	DD		C	Screw	ﾋﾞｽ
50	LX-BZ0560FCZZ	AA	DD		C	Screw (4 X 10)	ﾋﾞｽ
51	LPLTM4407FCZZ	AE	DS		C	Bracket assistance plate	ﾌﾞﾗｹｯﾄﾎｼﾞｮﾊﾞﾝ
52	GCAB-0767FCZ1	BF	GT		D	Transport exterior	ﾊﾝｿｳｷｬﾋﾞ
53	PCŌVP1170FCZZ	BA	GD		C	Transport front cover	ﾊﾝｿｳﾏｴｶﾊﾞｰ
54	JKNBP0121FCZZ	AE	DS		C	Fusing knob	ﾃｲﾁｬｸﾉﾌﾞ
55	MSPRC1954FCZ1	AC	DJ		C	Ratchet spring	ﾗﾁｴｯﾄﾖｳｽﾌﾟﾘﾝｸﾞ
57	LX-BZ0711FCZZ	AA	DD		C	Screw (3 X 8)	ﾋﾞｽ
58	TLABZ3431FCZZ	AG	DX		C	Lock release lever label	ﾛｯｸｶｲｼﾞｮﾚﾊﾞｰﾗﾍﾞﾙ
59	TLABZ3409FCZZ	AB	DJ		C	Number label B-2	NOﾗﾍﾞﾙ B-2
60	TLABZ3410FCZZ	AB	DJ		C	Number label C	NOﾗﾍﾞﾙ C
61	TLABZ3411FCZZ	AB	DJ		C	Number label D	NOﾗﾍﾞﾙ D
62	TCAUH0819FCZZ	AA	DD		C	High voltage caution label (Japan only)	ｺｳｱﾂﾁｭｳｲﾗﾍﾞﾙ J
	TCAUH0974FCZZ	AB	DJ		C	High voltage caution label (U,Kingdom,Australia)	ｺｳｱﾂﾁｭｳｲﾗﾍﾞﾙ U
	TCAUH0821FCZZ	AA	DD		C	High voltage caution label (Other countries)	ｺｳｱﾂﾁｭｳｲﾗﾍﾞﾙ E4
63	XBTSF40P08000	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
64	TCAUH0918FCZZ	AA	DD		C	Service caution label (Australia)	ｻｰﾋﾞｽﾁｭｳｲﾗﾍﾞﾙ
	TCAUH0687FCZZ	AA	DD		C	Service caution label (U.S.A.,CANADA)	ｻｰﾋﾞｽﾁｭｳｲﾗﾍﾞﾙ
	TCAUA0766FCZZ	AB	DD		C	Service caution label (U,Kingdom only)	ｻｰﾋﾞｽﾁｭｳｲﾗﾍﾞﾙ
	TCAUA0770FCZZ	AB	DD		C	Service caution label (Export··Other countries)	ｻｰﾋﾞｽﾁｭｳｲﾗﾍﾞﾙ
65	TLABZ3264FCZZ	AB	DJ		C	Heater switch label (Japan only)	ﾎｵﾝﾋｰﾀｰSWﾗﾍﾞﾙ
67	DUNT-6866FCZZ	BY	TF	N	E	Manual feed multi tray unit (Japan only)	ﾃｻﾞｼﾏﾙﾁﾄﾚｲﾕﾆｯﾄ J
	DUNT-6866FC11	BY	TF	N	E	Manual feed multi tray unit (AB series)	ﾃｻﾞｼﾏﾙﾁﾄﾚｲﾕﾆｯﾄAB
	DUNT-6866FC12	BY	TF	N	E	Manual feed multi tray unit (Inch series)	ﾃｻﾞｼﾏﾙﾁﾄﾚｲﾕﾆｯﾄ IN
70	PCŌVP1266FCZ1	AL	EB		C	Rear exterior cover	ｳｼﾛｶﾞｲｿｳｶﾊﾞｰ
71	XHPSE30P08000	AA	DD		C	Screw (3 X 8)	ﾋﾞｽ
72	QSW-L0499FCZZ	AR	EQ	N	B	Manual feed lead switch	ﾃｻﾞｼﾘｰﾄﾞｽｲｯﾁ
73	TLABZ3903FCZZ	AF	DS		C	Label (Japan,U.S.A.)	ｴﾅｼﾞｰｽﾀｰﾗﾍﾞﾙ

1 外装 (Exteriors)

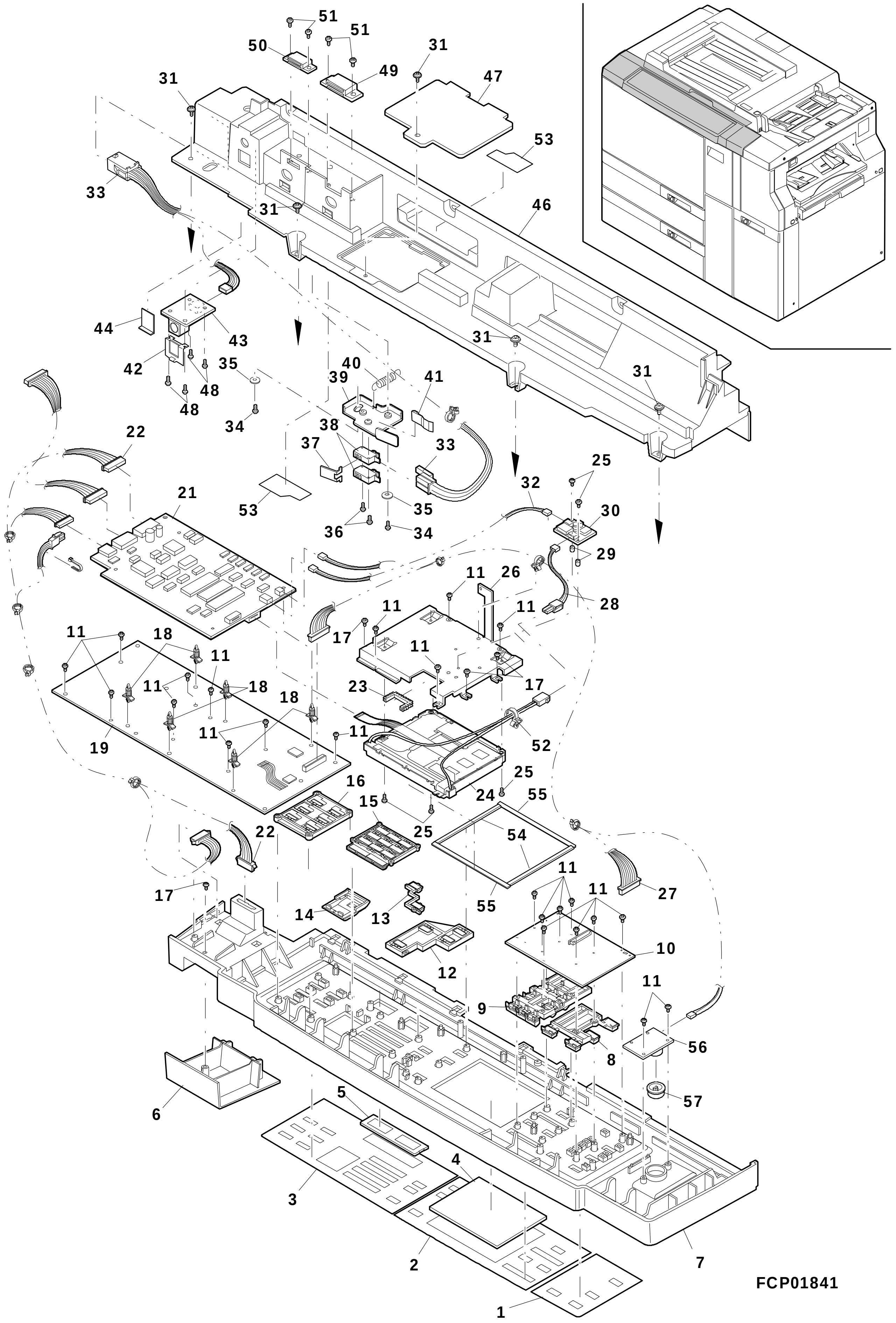
NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
74	PCŌVP1371FCZZ	AW	FG	N	C	Right cabinet upper cover	ﾐｷﾞｷｬﾋﾞﾈｯﾄｳｴｶﾊﾞｰ
75	CPWBF1204FC31	AZ	FX	N	E	4 tray size detect PWB	4ｶｾｻｲｽﾞｹﾝﾁｷﾊﾞﾝ
76	PCŌVP1400FCZZ	AC	DJ	N	C	Right upper harness cover	ﾐｷﾞｳｴﾊｰﾈｽｶﾊﾞｰ
77	LX-WZ7011XCZZ	AC	DD		C	Washer	ﾜｯｼｬ
78	XEBSD30P06000	AA	DD		C	Screw (3 X 6)	ﾋﾞｽ

1 外装 (Exteriors)



FCP01840

2 操作部 (Operation panel section)



2 操作部 (Operation panel section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	HiNDP0680FCZZ	AQ	EQ	N	D	Key sheet A (Japanese)	ｿｳｻﾌﾞｼｰﾄA ﾆﾎﾝｺﾞ
	HiNDP0682FCZZ	AQ	EQ	N	D	Key sheet A (German)(Germany only)	ｿｳｻﾌﾞｼｰﾄA ﾄﾞｲﾂｺﾞ
	HiNDP0683FCZZ	AQ	EQ	N	D	Key sheet A (French)(CANADA only)	ｿｳｻﾌﾞｼｰﾄA ﾌﾗﾝｽｺﾞ
	HiNDP0681FCZZ	AQ	EQ	N	D	Key sheet A (English)	ｿｳｻﾌﾞｼｰﾄA ｴｲｺﾞ
	HiNDP0684FCZZ	AQ	EQ	N	D	Key sheet A (Spanish)	ｿｳｻﾌﾞｼｰﾄA ｽﾍﾟｲﾝｺﾞ
	HiNDP0686FCZZ	AQ	EQ	N	D	Key sheet A (Dutch)	ｿｳｻﾌﾞｼｰﾄA ｵﾗﾝﾀﾞｺﾞ
	HiNDP0685FCZZ	AQ	EQ	N	D	Key sheet A (Italian)	ｿｳｻﾌﾞｼｰﾄA ｲﾀﾘｱｺﾞ
2	HiNDP0692FCZZ	AX	FG	N	D	Key sheet B (Japanese)	ｿｳｻﾌﾞｼｰﾄB ﾆﾎﾝｺﾞ
	HiNDP0694FCZZ	AX	FG	N	D	Key sheet B (German)(Germany only)	ｿｳｻﾌﾞｼｰﾄB ﾄﾞｲﾂｺﾞ
	HiNDP0695FCZZ	AX	FG	N	D	Key sheet B (French)(CANADA only)	ｿｳｻﾌﾞｼｰﾄB ﾌﾗﾝｽｺﾞ
	HiNDP0693FCZZ	AX	FG	N	D	Key sheet B (English)	ｿｳｻﾌﾞｼｰﾄB ｴｲｺﾞ
	HiNDP0696FCZZ	AX	FG	N	D	Key sheet B (Spanish)	ｿｳｻﾌﾞｼｰﾄB ｽﾍﾟｲﾝｺﾞ
	HiNDP0698FCZZ	AX	FG	N	D	Key sheet B (Dutch)	ｿｳｻﾌﾞｼｰﾄB ｵﾗﾝﾀﾞｺﾞ
	HiNDP0697FCZZ	AX	FG	N	D	Key sheet B (Italian)	ｿｳｻﾌﾞｼｰﾄB ｲﾀﾘｱｺﾞ
3	HiNDP0699FCZZ	AY	FQ	N	D	Key sheet C (Japanese)	ｿｳｻﾌﾞｼｰﾄC ﾆﾎﾝｺﾞ
	HiNDP0701FCZZ	AY	FQ	N	D	Key sheet C (German)(Germany only)	ｿｳｻﾌﾞｼｰﾄC ﾄﾞｲﾂｺﾞ
	HiNDP0702FCZZ	AY	FQ	N	D	Key sheet C (French)(CANADA only)	ｿｳｻﾌﾞｼｰﾄC ﾌﾗﾝｽｺﾞ
	HiNDP0700FCZZ	AY	FQ	N	D	Key sheet C (English)	ｿｳｻﾌﾞｼｰﾄC ｴｲｺﾞ
	HiNDP0703FCZZ	AY	FQ	N	D	Key sheet C (Spanish)	ｿｳｻﾌﾞｼｰﾄC ｽﾍﾟｲﾝｺﾞ
	HiNDP0705FCZZ	AY	FQ	N	D	Key sheet C (Dutch)	ｿｳｻﾌﾞｼｰﾄC ｵﾗﾝﾀﾞｺﾞ
	HiNDP0704FCZZ	AY	FQ	N	D	Key sheet C (Italian)	ｿｳｻﾌﾞｼｰﾄC ｲﾀﾘｱｺﾞ
4	CFiLW0193FC04	AY	FQ	N	B	Operation filter A	ｿｳｻﾌﾞﾌｨﾙﾀｰA
5	CFiLW0194FC01	AQ	EQ		B	Operation filter B	ｿｳｻﾌﾞﾌｨﾙﾀｰB
6	CFTA-0099FC01	AM	EQ		D	Cover	ｵｰﾃﾞｨﾀｰﾖｳﾌﾀ
7	HPNLC0212FCZ3	AL	EB	N	D	Operation panel A	ｿｳｻﾊﾟﾈﾙA
8	JBTN-0161FCZZ	AF	DS		C	Sorter key	ｿｰﾀｰｷｰ
9	CBTN-0207FC01	AN	EQ		C	Zoom key	ｽﾞｰﾑｷｰ
10	CPWBF1207FC51	AZ	FQ	N	E	Operation PWB 2	ｿｳｻｷﾊﾞﾝ2
11	XEBSD30P08000	AA	DD		C	Screw (3 × 8)	ﾋﾞｽ
12	CBTN-0175FC03	AG	DX		C	Program key	ﾌﾟﾛｸﾞﾗﾑｷｰ
13	CBTN-0208FC01	AL	EG		C	Clear key	ｸﾘｱｰｵｰﾙｷｰ
14	CBTN-0157FC32	AH	DX		E	Copy key unit	ｺﾋﾟｰｷｰﾕﾆｯﾄ
15	CBTN-0206FC01	AN	EQ		C	Ten key	ﾃﾝｷｰ
16	JBTN-0160FCZZ	AG	DX		C	Special mode key	ｽﾍﾟｼｬﾙﾓｰﾄﾞｷｰ
17	XEBSD30P10000	AA	DD		C	Screw (3 × 10)	ﾋﾞｽ
18	LSUPP0079FCZZ	AA	DJ		C	PWB supporter (MSPLS-6)	ｷﾊﾞﾝｻﾎﾟｰﾀｰ
19	CPWBF0980FC51	BM	LE		E	Operation PWB 1	ｿｳｻｷﾊﾞﾝ1
21	CPWBN1200FC51	CA	TV	N	E	Operation control PWB (Japanese) (Japan only)	ｿｳｻｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ﾆﾎﾝｺﾞ)
	CPWBN1200FC52	CA	TV	N	E	Operation control PWB (English) (U.S.A.,CANADA,Indonesia,Saudi Arabia,Brazil,Taiwan)	ｿｳｻｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ｴｲｺﾞ)
	CPWBN1224FC52	CA	TR	N	E	Operation control PWB (German) (German only)	ｿｳｻｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ﾄﾞｲﾂｺﾞ)
	CPWBN1200FC54	CA	TV	N	E	Operation control PWB (French) (Tunisia,Morocco,Algeria,West Africa)	ｿｳｻｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ﾌﾗﾝｽｺﾞ)
	CPWBN1200FC55	CA	TV	N	E	Operation control PWB (Spanish) (Dominica,Central America,Costa Rica,Colombia,Venezuela, Ecuador,Paraguay,Argentine,Chile,Uruguay,Peru)	ｿｳｻｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ｽﾍﾟｲﾝｺﾞ)
	CPWBN1224FC51	CA	TR	N	E	Operation control PWB (English) (For Europe,Australia,Other countries)	ｿｳｻｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ｴｲｺﾞ)
22	DHAi-2747FCZZ	AZ	FX	N	C	Upper OP unit harness (Japan only)	ｳｴOPﾕﾆｯﾄﾊｰﾈｽ
	DHAi-2747FC11	AY	FQ	N	C	Upper OP unit harness (100V series···Except Barbabos)(Paraguay, Argentine,Chile,Uruguay,Peru,Tunisia,Morocco,Algeria,West Africa)	ｳｴOPﾕﾆｯﾄﾊｰﾈｽ
	DHAi-2747FC12	BD	GN	N	C	Upper OP unit harness (Barbabos,200V seires···For Europe,Others)	ｳｴOPﾕﾆｯﾄﾊｰﾈｽ
23	LBSHC0293FCZZ	AB	DJ		C	Bushing (KG-012 L78)	ﾌﾞｯｼﾝｸﾞ
24	VVLLM320092-1	CB	TX		B	LCD (LM320092)	LCD
25	XBPSD30P16000	AA	DD		C	Screw (3 × 16)	ﾋﾞｽ
26	LPLTM4212FCZ3	AR	EQ		C	LCD fixing plate	ｴｷｼｮｳﾄﾘﾂｹｲﾀ
27	DHAi-2715FCZZ	AR	EQ	N	C	OP PWB harness	OPｷﾊﾞﾝﾊｰﾈｽ
28	DHAi-2176FCZZ	AG	DX		C	CCFT harness	CCFTﾊｰﾈｽ
29	LBSHZ2030SCZZ	AB	DD		C	Bushing (TA310)	ﾌﾞｯｼﾝｸﾞ
30	CPWBF1107FC52	AX	FG	N	E	Inverter PWB	ｲﾝﾊﾞｰﾀｰｷﾊﾞﾝ
31	XEPSD30P08X00	AA	DD		C	Screw (3 × 8X)	ﾋﾞｽ
32	DHAi-2177FCZZ	AE	DS		C	Inverter harness	ｲﾝﾊﾞｰﾀｰﾊｰﾈｽ
33	DHAi-2174FCZZ	AS	EZ		C	Lower OP unit harness	ｼﾀOPﾕﾆｯﾄﾊｰﾈｽ
34	XEBSD40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
35	LX-WZ0086FCZZ	AA	DD		C	PS brake washer	PSﾌﾞﾚｰｷﾜｯｼｬ
36	XBPSD30P25000	AA	DD		C	Screw (3 × 25)	ﾋﾞｽ
37	MLEVF0209FCZZ	AD	DJ		C	DSW lever	DSWﾚﾊﾞｰ
38	QSW-M0453FCZZ	AM	EQ		B	Microswitch for door (100V series)	ﾏｲｸﾛｽｲｯﾁ, ﾄﾞｱｰ
	QSW-M0454FCZZ	AM	EG		B	Microswitch for door (200V series)	ﾏｲｸﾛｽｲｯﾁ, ﾄﾞｱｰ
39	CPLTP4370FC01	AK	EB		C	Door switch fixing plate	ﾄﾞｱSWﾄﾘﾂｹｲﾀ
40	MSPRC2117FCZZ	AB	DJ		C	Door switch fixing plate spring	ﾄﾞｱｰｽｲｯﾁﾄﾘﾂｹｲﾀｽﾌﾟﾘﾝｸﾞ
41	MSPRP2167FCZZ	AE	DS		C	Door switch spring	ﾄﾞｱｰｽｲｯﾁﾖｳｽﾌﾟﾘﾝｸﾞ
42	QEARP0069FCZZ	AF	DX		C	Earth plate	ｱｰｽﾊﾞﾝ
43	CPWBF0993FC51	AQ	EQ		E	Commander I/O PWB	ｺﾏﾝﾀﾞI/Oｷﾊﾞﾝ
44	LPLTM4213FCZZ	AE	DS		C	Commander T-2 plate	ｺﾏﾝﾀﾞｰT-2ｲﾀ
46	GDAi-0163FCZ1	BF	GT		C	Operation base plate A	ｿｳｻﾀﾞｲﾊﾞﾝA
47	PFTA-0100FCZZ	AH	EB		D	Mente cover	ﾒﾝﾃﾖｳﾌﾀ
48	XEBSD30P06000	AA	DD		C	Screw (3 × 6)	ﾋﾞｽ
49	PMAGT0054FCZZ	AG	DX		B	Magnet catch (SM75PS)	ﾏｸﾞﾈｯﾄｷｬｯﾁ
50	PMAGT0015FCZZ	AD	DJ		B	Magnet catch (10P)	ﾏｸﾞﾈｯﾄｷｬｯﾁ
51	XBBSD30P08000	AA	DD		C	Screw (3 × 8)	ﾋﾞｽ
52	LBNDJ0043FCZZ	AA	DD		C	Snap band (SG-130)	ｽﾅｯﾌﾟﾊﾞﾝﾄﾞ

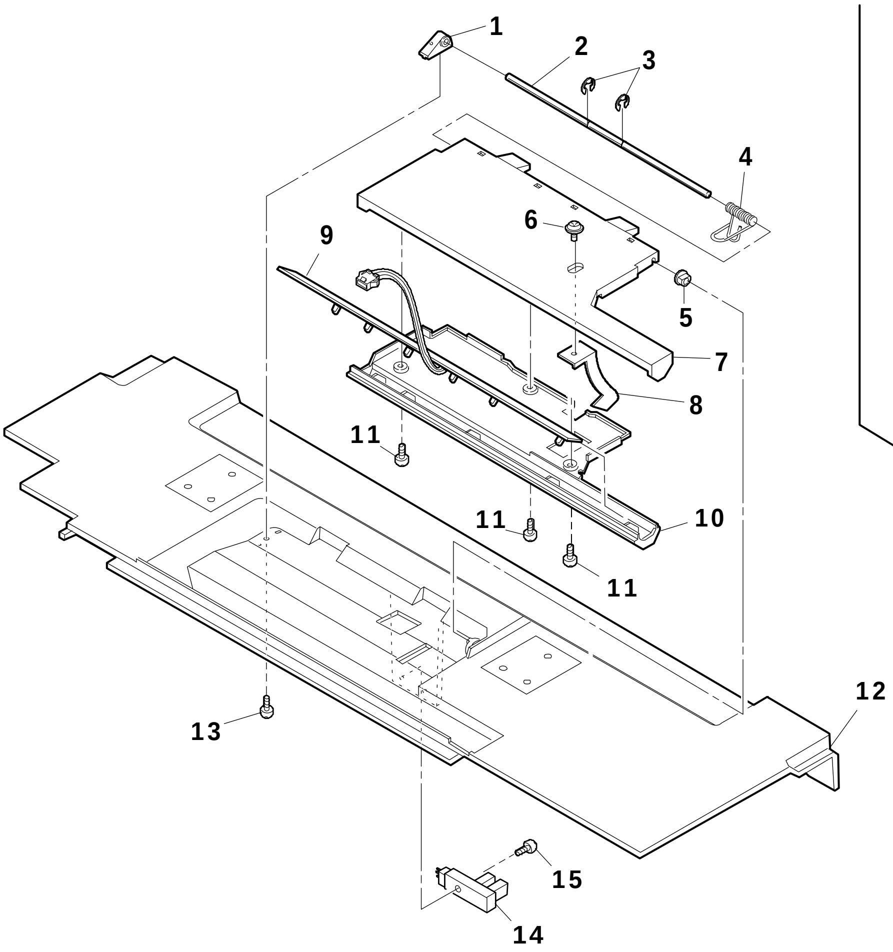
2 操作部 (Operation panel section)

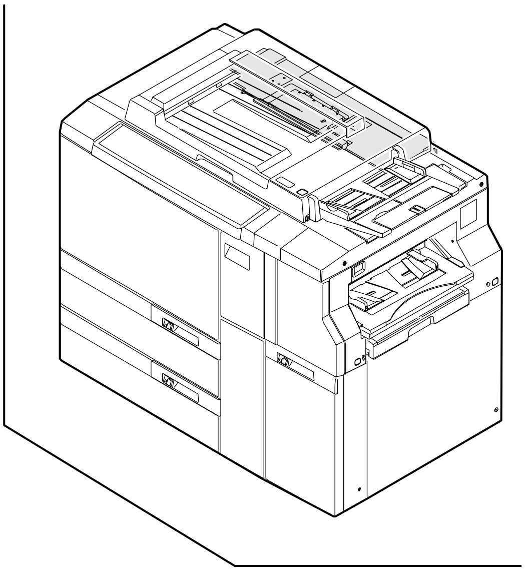
NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
53	PSHEP3575FCZZ	AC	DJ		C	Door switch sheet	ﾄﾞｱｰｽｲｯﾁﾖｳﾏｲﾗｰ
54	PSHEZ3672FCZZ	AB	DJ		C	Panel protect sheet B	ﾊﾟﾈﾙﾎﾞｳｼﾝｼｰﾄB
55	PSHEZ3671FCZZ	AB	DJ		C	Panel protect sheet A	ﾊﾟﾈﾙﾎﾞｳｼﾝｼｰﾄA
56	CPWBF1201FC51	AN	EG	N	E	VR PWB	VRｷﾊﾞﾝ
57	JKNBP0127FCZZ	AE	DJ		C	LCD adjusting knob	LCDﾉｳﾄﾞﾁｮｳｾｲﾂﾏﾐ
	ﾕﾆｯﾄ (Unit)						
901	CPNLC0212FC11	CV	VZ	N	E	Operation panel unit (Japanese) (Japan only)	ｿｳｻﾊﾟﾈﾙﾕﾆｯﾄ(ﾆﾎﾝｺﾞ)
	CPNLC0212FC12	CU	VZ	N	E	Operation panel unit (English) (100V seires···U.S.A.,Taiwan,Indonesia,Brazil,Saudi Arabia)	ｿｳｻﾊﾟﾈﾙﾕﾆｯﾄ(ｴｲｺﾞ)
	CPNLC0212FC13	CV	VZ	N	E	Operation panel unit (English) (CANADA only)	ｿｳｻﾊﾟﾈﾙﾕﾆｯﾄ(ｴｲｺﾞ)
	CPNLC0212FC14	CU	VZ	N	E	Operation panel unit (English) (For Europe···Except U,K,Germany)	ｿｳｻﾊﾟﾈﾙﾕﾆｯﾄ(ｴｲｺﾞ)
	CPNLC0212FC15	CV	VZ	N	E	Operation panel unit (German) (Germany only)	ｿｳｻﾊﾟﾈﾙﾕﾆｯﾄ(ﾄﾞｲﾂｺﾞ)
	CPNLC0212FC16	CV	VZ	N	E	Operation panel unit (English) (U,Kingdom,Australia,Barbados,200V series)	ｿｳｻﾊﾟﾈﾙﾕﾆｯﾄ(ｴｲｺﾞ)
	CPNLC0212FC17	CV	VZ	N	E	Operation panel unit (Spanish) (100V series)	ｿｳｻﾊﾟﾈﾙﾕﾆｯﾄ(ｽﾍﾟｲﾝｺﾞ)
	CPNLC0212FC18	CV	VZ	N	E	Operation panel unit (Spanish) (200V series)	ｿｳｻﾊﾟﾈﾙﾕﾆｯﾄ(ｽﾍﾟｲﾝｺﾞ)
	CPNLC0212FC19	CV	VZ	N	E	Operation panel unit (French) (200V series)	ｿｳｻﾊﾟﾈﾙﾕﾆｯﾄ(ﾌﾗﾝｽｺﾞ)

3 上ｷｬﾋﾞ後 (Upper exterior rear)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	LHLDZ1085FCZZ	AD	DJ		C	Original detect fulcrum holder (Japan only)	ｹﾞﾝｺｳｹﾝﾁｼﾃﾝﾎﾙﾀﾞｰ
2	NSFTZ1805FCZZ	AE	DS		C	Original detect fulcrum shaft (Japan only)	ｹﾞﾝｺｳｹﾝﾁｼﾃﾝｼﾞｸ
3	XRESP30-06000	AA	DD		C	E type ring (3mm)(Japan only)	Eﾘﾝｸﾞ
4	MSPRT1563FCZZ	AC	DD		C	Original detect spring (Japan only)	ｹﾞﾝｺｳｹﾝﾁｽﾌﾟﾘﾝｸﾞ
5	LBSHZ1102CCZZ	AC	DD		C	Rubber roller 1 bushing (Japan only)	ｺﾞﾑﾛｰﾗｰ1ﾌﾞｯｼﾝｸﾞ
6	XBPSD30P06KS0	AA	DD		C	Screw (3 × 6KS)(Japan only)	ﾋﾞｽ
7	MARMP0147FCZZ	AK	EB		C	Original detect arm upper (Japan only)	ｹﾞﾝｺｳｹﾝﾁｱｰﾑ ｳｴ
8	PSLDH0178FCZZ	AD	DJ		C	Original detect shield plate (Japan only)	ｹﾞﾝｺｳｹﾝﾁｼｬｺｳｲﾀ
9	CPWBF0934FC31	AX	FX		E	ORS emission PWB (Japan only)	ORSﾊｯｺｳｷﾊﾞﾝJ
10	MARMP0148FCZZ	AH	DX		C	Original detect arm lower (Japan only)	ｹﾞﾝｺｳｹﾝﾁｱｰﾑ ｼﾀ
11	XEPSD30P05000	AA	DD		C	Screw (3 × 5)(Japan only)	ﾋﾞｽ
12	GCAB-0817FCZZ	AZ	FX		D	Upper exterior rear (Japan only)	ｳｴｷｬﾋﾞｳｼﾛ
	GCAB-0777FCZZ	AZ	FX		D	Upper exterior rear (Except Japan)	ｳｴｷｬﾋﾞｳｼﾛ
13	XEPSD30P08000	AA	DD		C	Screw (3 × 8)(Japan only)	ﾋﾞｽ
14	VHPGP1A22LC-1	AK	EB		B	Photo transistor (GP1A22LC)(Japan only)	ﾌｫﾄﾄﾗﾝｼﾞｽﾀｰ
15	XEBSD40P14000	AA	DD		C	Screw (4 × 14)(Japan only)	ﾋﾞｽ

3 上ｷｬﾋﾞ後 (Upper exterior rear)



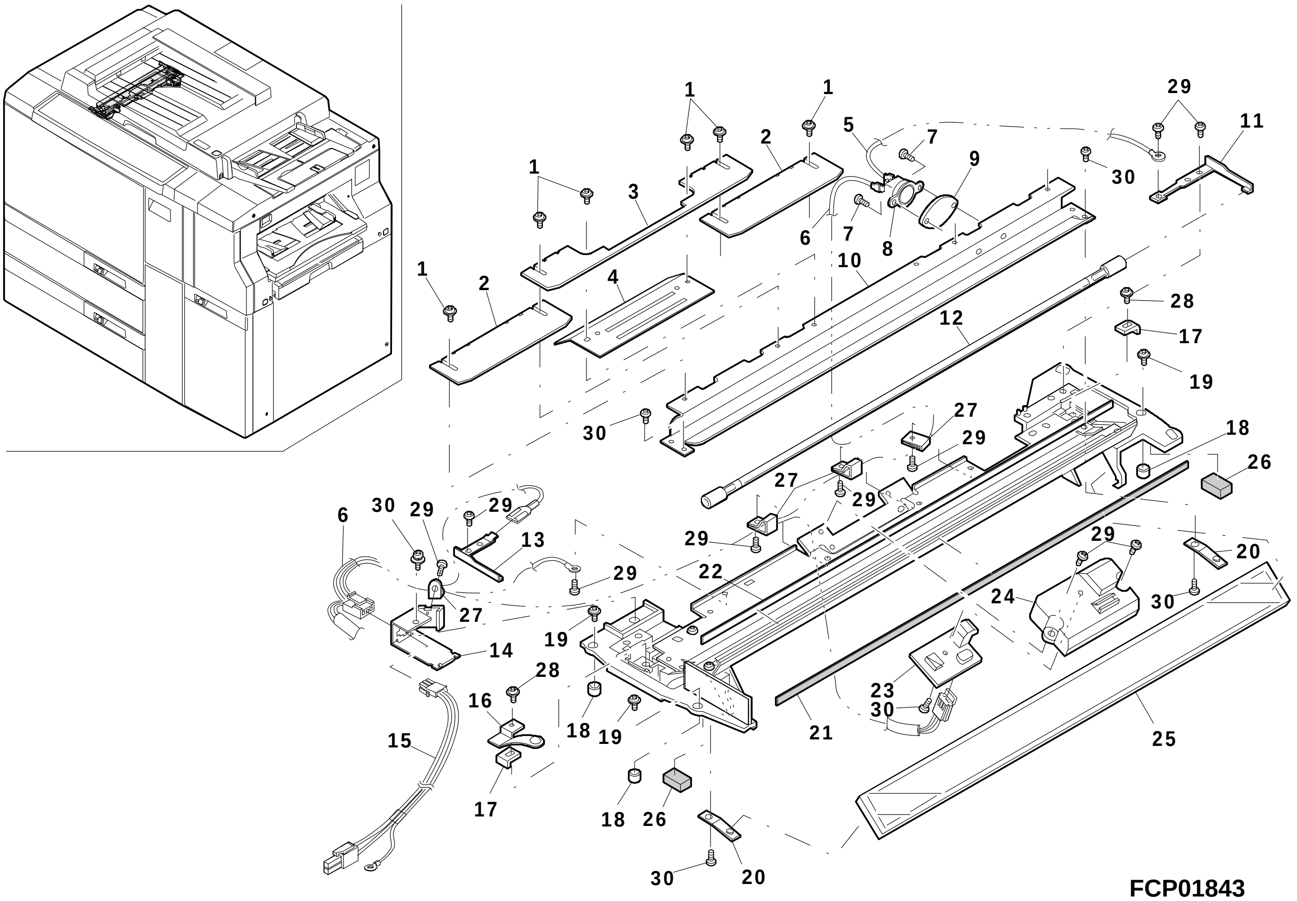


FCP01842

4 第1ﾐﾗｰ部 (1st mirror section)

	NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION	
	1	LX-BZ0688FCZZ	AB	DD		C	Screw (3 × 6)	ﾋﾞｽ
	2	LPLTM4124FCZZ	AC	DJ		C	Control plate	ﾁｮｳｺｳﾊﾞﾝ
	3	LPLTM4445FCZZ	AG	DX		C	Control plate A	ﾁｮｳｺｳｲﾀ A
	4	LPLTM4526FCZZ	AE	DS		C	AE slit plate	AEｽﾘｯﾄｲﾀ
	5	DHAi-2224FCZZ	AD	DJ		C	Optical harness B (100V series)	ｺｳｶﾞｸﾊｰﾈｽ B
		DHAi-2224FC11	AD	DJ		C	Optical harness B (200V series)	ｺｳｶﾞｸﾊｰﾈｽB
	6	DHAi-2223FCZZ	AS	EZ		C	Optical harness A (100V series)	ｺｳｶﾞｸﾊｰﾈｽ A
		DHAi-2223FC11	AS	EZ		C	Optical harness A (200V series)	ｺｳｶﾞｸﾊｰﾈｽA
	7	XBPSF30P04000	AA	DD		C	Screw (3 × 4)	ﾋﾞｽ
	8	RDTCT0106FCZZ	BC	GN		B	Thermostat	ｻｰﾓｽﾀｯﾄ
	9	LPLTM4444FCZZ	AF	DX		C	Pressure plate	ﾃﾞﾝﾈﾂｲﾀ
	10	PREFL0167FCZZ	AV	FG	N	C	Reflector	ﾚﾌﾚｸﾀｰ
	11	MSPRP1566FCZZ	AF	DS		C	Lamp spring F	ﾗﾝﾌﾟﾊﾞﾈ F
⚠	12	RLMPU0519FCZ1	BE	GN		B	Copy lamp (100V series)	ｺﾋﾟｰﾗﾝﾌﾟ
⚠		RLMPU0520FCZZ	BE	GN		B	Copy lamp (200V series)	ｺﾋﾟｰﾗﾝﾌﾟ
	13	MSPRP2103FCZZ	AH	DX		C	Lamp spring R	ﾗﾝﾌﾟﾊﾞﾈ R
	14	LHLDZ1150FCZZ	AH	DX		C	Connector holder	ｺﾈｸﾀｰﾎﾙﾀﾞｰ
	15	DHAi-2225FCZZ	AX	FQ		C	CL harness (100V series)	CLﾊｰﾈｽ
		DHAi-2225FC11	AX	FQ		C	CL harness (200V series)	CLﾊｰﾈｽ
	16	CSPRP2105FC01	AQ	EQ		C	Lower slider spring R	ｼﾀｽﾍﾞﾘｽﾌﾟﾘﾝｸﾞ R
	17	LPLTM2196FCZZ	AB	DD		C	Wire fixing plate	ﾜｲﾔｰｺﾃｲﾊﾞﾝ
	18	CSLi-0057FC32	AF	DS		E	Slider unit (4pcs/set)	ｽﾍﾞﾘ ｻﾞｲﾕﾆｯﾄ
	19	LX-BZ0339FCZZ	AA	DD		C	Screw	ﾋﾞｽ
	20	MSPRP2104FCZZ	AF	DX		C	Mirror spring	ﾐﾗｰﾊﾞﾈ
	21	PSHEZ3473FCZZ	AE	DS		C	Shield sheet	ｼｬｺｳﾎﾞｳｼｽｴｰﾄﾞ
	22	PREFL0157FCZZ	AL	EB		C	Sub reflector sheet	ｻﾌﾞﾚﾌﾚｸﾀｰｼｰﾄ
	23	CPWBF1012FC31	AZ	FX		E	AE sensor PWB	AEｾﾝｻｰｷﾊﾞﾝ
	24	PCASZ0251FCZZ	AH	DX		C	AE sensor case	AEｾﾝｻｰｹｰｽ
	25	PMiR-0114FCZZ	AW	FG		B	1st mirror	ﾀﾞｲ1ﾐﾗｰ
	26	PCUSU0203FCZZ	AE	DS		C	Cushion	ﾎﾞｳｼﾝｸｯｼｮﾝ
	27	LHLDW0497FCZZ	AB	DD		C	Heater harness holder	ﾋｰﾀｰﾊｰﾈｽｵｻｴ
	28	XBPSD40P14000	AA	DD		C	Screw (4 × 14)	ﾋﾞｽ
	29	XHBSD30P06000	AA	DD		C	Screw (3 × 6)	ﾋﾞｽ
	30	XCPSF30P06000	AA	DD		C	Screw (3 × 6)	ﾋﾞｽ
		ﾕﾆｯﾄ (Unit)						
⚠	901	CREFL0167FC31	BV	RB	N	E	Copy lamp unit (100V series)	ｺﾋﾟｰﾗﾝﾌﾟﾕﾆｯﾄ
⚠		CREFL0167FC32	BV	RB	N	E	Copy lamp unit (200V series)	ｺﾋﾟｰﾗﾝﾌﾟﾕﾆｯﾄ

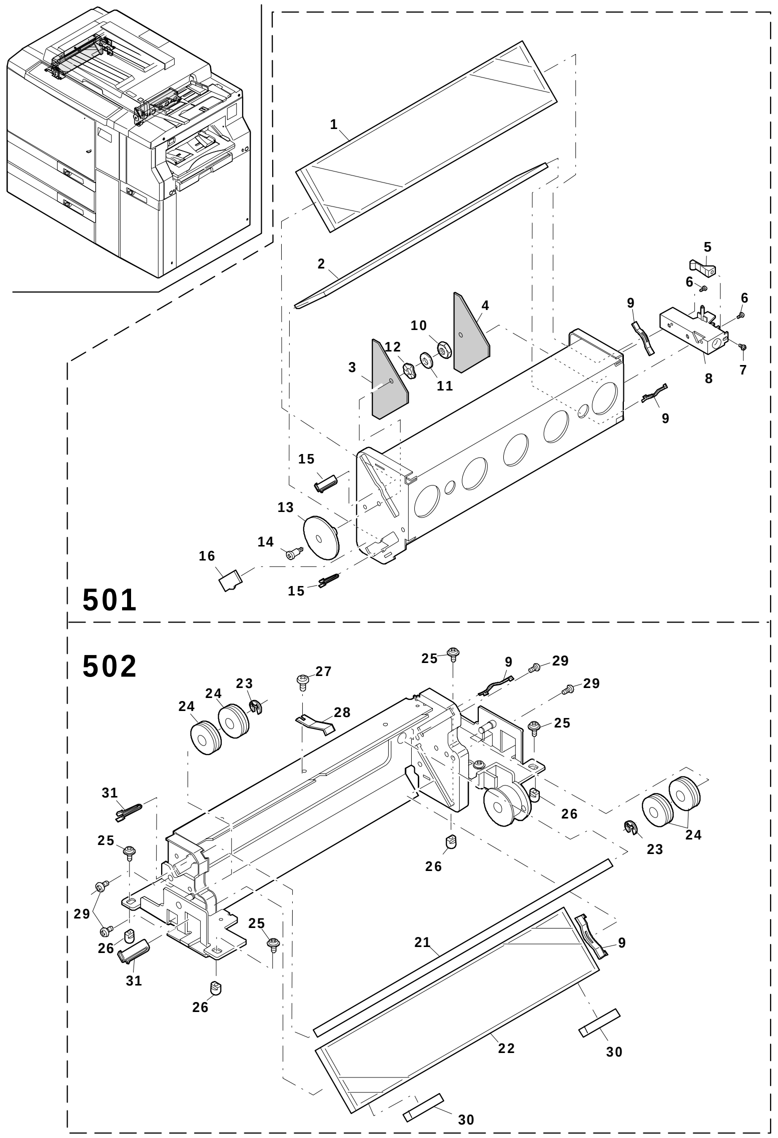
4 第1ﾐﾗｰ部 (1st mirror section)



5 第2,3,4,5ﾐﾗｰ部 (2nd,3rd,4th,5th mirror section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	PMiR-0143FCZZ	AZ	FX		B	4th mirror	ﾀﾞｲ4ﾐﾗｰ
2	PMiR-0144FCZ1	AX	FG	N	B	5th mirror	ﾀﾞｲ5ﾐﾗｰ
3	PSHEP3302FCZZ	AC	DJ		C	4th,5th mirror shield sheet F	4,5ﾐﾗｰｼｬｺｳｼｰﾄF
4	PSHEP3303FCZZ	AC	DJ		C	4th,5th mirror shield sheet R	4,5ﾐﾗｰｼｬｺｳｼｰﾄR
5	MSPRT0842FCZZ	AC	DD		C	Cassette guide spring	ｶｾｯﾄｶﾞｲﾄﾞｽﾌﾟﾘﾝｸﾞ
6	XBPSD40P06000	AA	DD		C	Screw (4 × 6)	ﾋﾞｽ
7	XCPSD30P08000	AA	DD		C	Screw (3 × 8)	ﾋﾞｽ
8	LHLDZ0831FCZZ	AF	DS		C	4th,5th mirror holder	4-5ﾐﾗｰｸﾄﾞｳﾎﾙﾀﾞｰ
9	LFiX-0254FCZZ	AC	DD		C	4th mirror fixing plate F	ﾀﾞｲ4ﾐﾗｰｵｻｴF
10	XNESD40-32000	AA	DD		C	Nut	ﾅｯﾄ
11	XWHSD40-08000	AA	DD		C	Washer	ﾜｯｼｬ
12	LX-WZ0050FCZZ	AA	DD		C	Washer (φ5)	ﾅﾐﾜｯｼｬ
13	PCLR-0309FCZZ	AC	DD		C	Collar	ﾍﾝｼﾝﾋﾞｽﾖｳｺﾛ
14	LX-BZ0397FCZZ	AA	DD		C	Screw	ﾋﾞｽ
15	LFiX-0301FCZZ	AB	DD		C	Mirror fixing plate F	ﾐﾗｰｵｻｴ ﾏｴ
16	PCUSF0279FCZZ	AB	DJ		C	4th,5th mirror fixing cushion	4,5ﾐﾗｰｺﾃｲｸｯｼｮﾝ
21	PMiR-0141FCZZ	AZ	FX		B	2nd mirror	ﾀﾞｲ2ﾐﾗｰ
22	PMiR-0142FCZZ	BA	FX		B	3rd mirror	ﾀﾞｲ3ﾐﾗｰ
23	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
24	NPLYZ0167FCZZ	AF	DS		C	Pulley	ﾌﾟｰﾘｰ
25	LX-BZ0339FCZZ	AA	DD		C	Screw	ﾋﾞｽ
26	CSLi-0057FC32	AF	DS		E	Slider unit (4pcs/set)	ｽﾍﾞﾘ ｻﾞｲﾕﾆｯﾄ
27	XBPSD40P06000	AA	DD		C	Screw (4 × 6)	ﾋﾞｽ
28	LPLTM4318FCZZ	AC	DJ		C	2nd mirror control plate	ﾀﾞｲ2ﾐﾗｰｷｾｲｲﾀ
29	LX-BZ0355FCZZ	AB	DD		C	Screw (4 × 6)	ﾋﾞｽ
30	PCUSG0326FCZZ	AB	DJ		C	3rd mirror cushion	ﾀﾞｲ3ﾐﾗｰｸｯｼｮﾝ
31	LFiX-0284FCZZ	AC	DD		C	6th mirror fixing plate F	ﾀﾞｲ6ﾐﾗｰｵｻｴF
501	CPLTM4321FC31	BK	HL		E	4th,5th mirror fixing plate unit	4,5ﾐﾗｰﾄﾘﾂｹｲﾀﾕﾆｯﾄ
502	CPLTM4316FC31	BM	HZ		E	2nd,3rd mirror fixing plate unit	2,3ﾐﾗｰﾄﾘﾂｹｲﾀﾕﾆｯﾄ

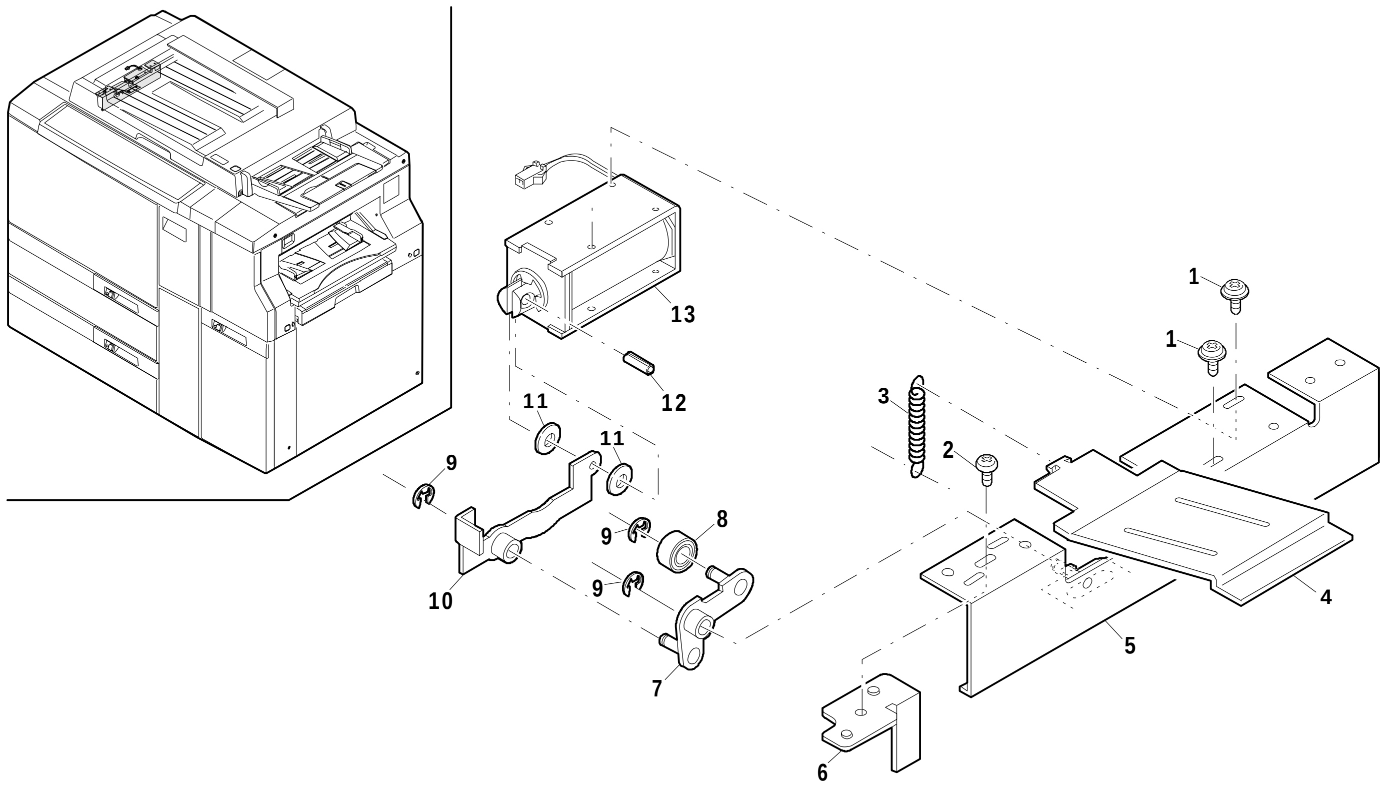
5 第2,3,4,5ﾐﾗｰ部 (2nd,3rd,4th,5th mirror section)



6 ｵﾘｼﾞﾅﾙｽﾄｯﾊﾟｰ部 (Document stopper section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	XBPSD30P06KS0	AA	DD		C	Screw (3 × 6KS)	ﾋﾞｽ
2	XBPSD40P06000	AA	DD		C	Screw (4 × 6)	ﾋﾞｽ
3	MSPRT2064FCZZ	AD	DS		C	Stopper spring	ｽﾄｯﾊﾟｰｽﾌﾟﾘﾝｸﾞ
4	LANGT1362FCZ1	AF	DS		C	Stopper angle	ｽﾄｯﾊﾟｰｱﾝｸﾞﾙ
5	CPLTM4323FC01	AK	EB		C	Solenoid fixing plate	ｿﾚﾉｲﾄﾞﾄﾘﾂｹｲﾀ
6	LPLTM4324FCZZ	AD	DS		C	Solenoid adjusting plate	ｿﾚﾉｲﾄﾞﾁｮｳｾｲｲﾀ
7	CANGF1077FC01	AK	DX		C	ADF B angle	ADF B ｱﾝｸﾞﾙ
8	PCLR-0207FCZZ	AC	DD		C	ADF collar	ADFｶﾗｰ
9	XRESP30-04000	AA	DD		C	E type ring (3mm)	Eﾘﾝｸﾞ
10	CANGF1078FC01	AG	DS		C	ADF C angle	ADF C ｱﾝｸﾞﾙ
11	LX-WZ0194FCZZ	AA	DD		C	Washer	ﾜｯｼｬ
12	LPiNS0241FCZZ	AA	DD		C	Spring pin (φ3-12)	SPﾋﾟﾝ
13	RPLU-0289FCZZ	AU	FG		B	RDH stopper solenoid	RDHｽﾄｯﾊﾟｰｿﾚﾉｲﾄﾞ

6 ｵﾘｼﾞﾅﾙｽﾄｯﾊﾟｰ部 (Document stopper section)



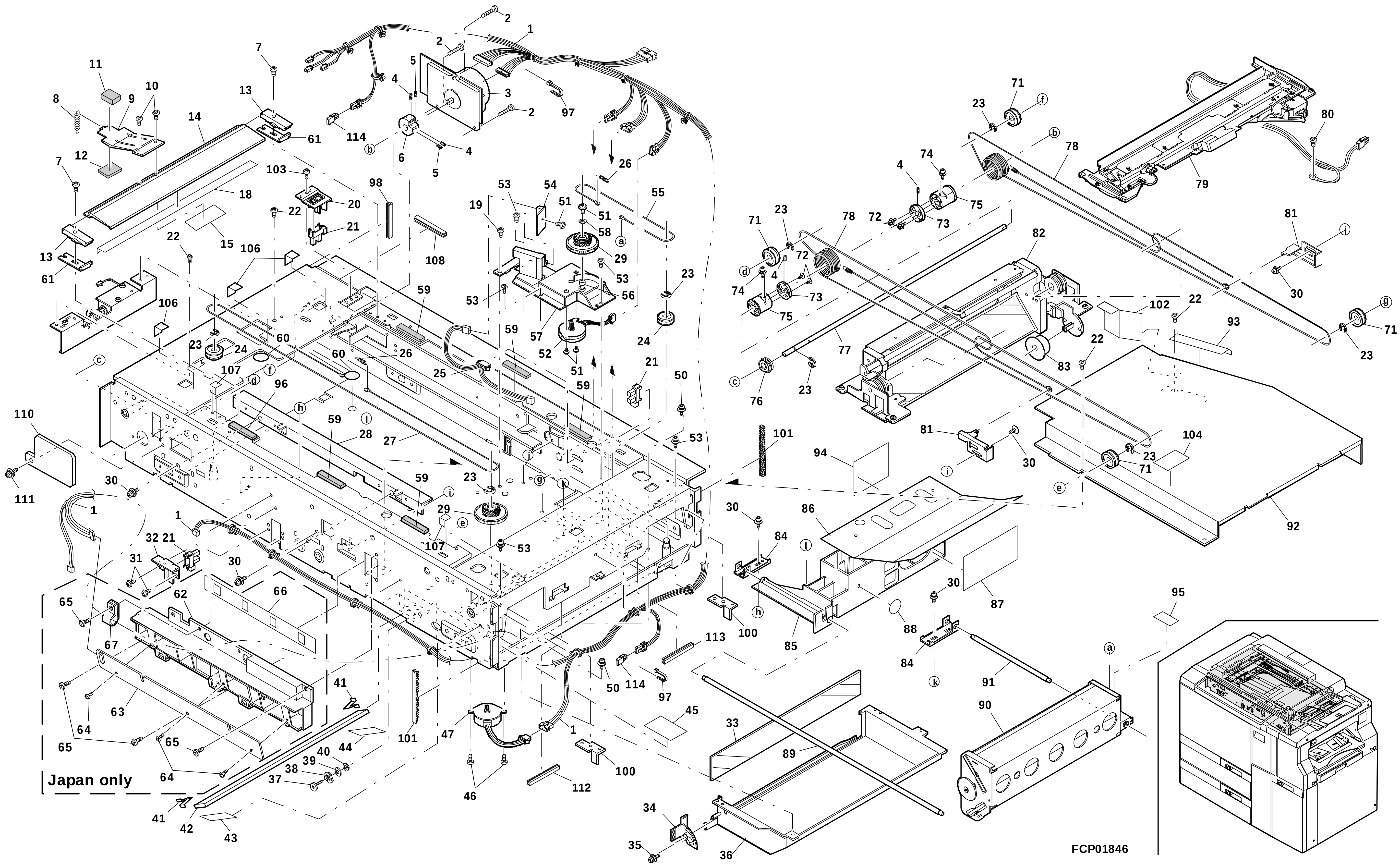
7 光学部 (Optical section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	DHAi-2708FCZZ	BC	GD	N	C	Mirror control harness (Japan only)	ﾐﾗｰｺﾝﾄﾛｰﾙﾊｰﾈｽ
	DHAi-2708FC11	BB	FX	N	C	Mirror control harness (Except Japan)	ﾐﾗｰｺﾝﾄﾛｰﾙﾊｰﾈｽ
2	XBPSD40P30000	AA	DD		C	Screw (4 × 30)	ﾋﾞｽ
3	RMŌTP0815FCZZ	CA	TV	N	B	Mirror motor N	ﾐﾗｰﾓｰﾀｰN
4	LX-BZ0608FCZZ	AC	DD		C	Screw (4 × 12)	ﾑｼﾋﾞｽ
5	LX-BZ0576FCZZ	AC	DJ		C	Screw (4 × 6)	ﾑｼﾋﾞｽ
6	MJNTM0014FCZZ	AW	FG		C	Winder pulley joint	ﾏｷﾄﾘﾂｷﾞﾃ
7	XBPSC30P08KS0	AA	DD		C	Screw (3 × 8KS)	ﾋﾞｽ
8	MSPRT2064FCZZ	AD	DS		C	Stopper spring	ｽﾄｯﾊﾟｰｽﾌﾟﾘﾝｸﾞ
9	LANGT1362FCZ1	AF	DS		C	Stopper angle	ｽﾄｯﾊﾟｰｱﾝｸﾞﾙ
10	LX-BZ0222FCZZ	AA	DD		C	Screw (4 × 4)	ﾋﾞｽ
11	PMLT-0916FCZZ	AB	DJ		C	Stopper cushion	ｽﾄｯﾊﾟｰﾓﾙﾄ
12	PCUSG0289FCZZ	AF	DX		C	Tension angle cushion A	ﾃﾝｼｮﾝｱﾝｸﾞﾙｸｯｼｮﾝ A
13	NBRGP0474FCZ1	AD	DS		B	Stopper bearing	ｽﾄｯﾊﾟｰｼﾞｸｳｹ
14	CSTPF0327FC01	AZ	FQ	N	D	Original stopper (Japan only)	ｹﾞﾝｺｳｽﾄｯﾊﾟｰ
	CSTPF0327FC02	AZ	FQ	N	D	Original stopper (AB series)	ｹﾞﾝｺｳｽﾄｯﾊﾟｰ
	CSTPF0327FC03	AZ	FQ	N	D	Original stopper (Inch series)	ｹﾞﾝｺｳｽﾄｯﾊﾟｰ
15	PSHEP3377FCZZ	AP	EQ		C	Control sheet	ｷｼﾞｭﾝｼﾛｼｰﾄ
18	PSHEP3436FCZZ	AG	DX		C	Original stopper sheet A	ｹﾞﾝｺｳｽﾄｯﾊﾟｰｼｰﾄ A
19	LX-BZ0689FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
20	LPLTP4377FCZZ	AD	DJ		C	HP sensor fixing plate	HPｾﾝｻｰﾄﾘﾂｹｲﾀ
21	VHPGP1A71A1-1	AG	DX		B	Photo sensor (GP1A71A1)	ﾌｫﾄｾﾝｻｰ
22	XBTSF40P06000	AA	DD		C	Screw (4 × 6)	ﾋﾞｽ
23	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
24	NPLYZ0263FCZZ	AB	DD		C	S idle pulley	Sｱｲﾄﾞﾙﾌﾟｰﾘｰ
25	DHAi-2150FCZZ	AM	EG		C	Optical harness	ｺｳｶﾞｸﾊｰﾈｽ
26	MSPRC1289FCZZ	AA	DD		C	Drive wire spring	ｸﾄﾞｳﾜｲﾔｰｽﾌﾟﾘﾝｸﾞ
27	PWiR-0154FCZZ	AS	EZ		C	Lens drive wire	ﾚﾝｽﾞｸﾄﾞｳﾜｲﾔｰ
28	LRALM0114FCZ2	AK	EB		C	Rail F,mirror base B	MB-Bﾚｰﾙ F
29	NPLYZ0262FCZZ	AF	DS		C	Lens drive pulley	ﾚﾝｽﾞｸﾄﾞｳﾌﾟｰﾘｰ
30	LX-BZ0260FCZZ	AA	DD		C	Screw (4 × 8SW/W)(Red)	ﾋﾞｽ
31	XBPSD40P06K00	AA	DD		C	Screw (4 × 6K)	ﾋﾞｽ
32	LPLTM4322FCZZ	AD	DJ		C	Lens HP sensor fixing plate	ﾚﾝｽﾞ HPｾﾝｻｰﾄﾘﾂｹｲﾀ
33	PGLSP0078FCZZ	AN	EQ		C	Protection glass	ﾎﾞｳｼﾞﾝｶﾞﾗｽ
34	LPLTP4376FCZZ	AD	DS		C	Protection glass plate	ﾎﾞｳｼﾞﾝｶﾞﾗｽｲﾀ
35	XJTSD40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
36	PCŌVP1411FCZZ	AV	FG	N	C	Dark box cover lower	ｱﾝﾊﾞｺｶﾊﾞｰｼﾀ
37	LX-BZ0637FCZZ	AC	DJ		C	Screw	6ﾐﾗｰﾁｮｳｾｲﾋﾞｽ
38	LX-WZ0050FCZZ	AA	DD		C	Washer (φ5)	ﾅﾐﾜｯｼｬ
39	XWHSD40-08000	AA	DD		C	Washer	ﾜｯｼｬ
40	XNESD40-32000	AA	DD		C	Nut	ﾅｯﾄ
41	LFiX-0408FCZZ	AB	DD		C	6th mirror fixing plate	ﾀﾞｲ6ﾐﾗｰｵｻｴ
42	PMiR-0145FCZZ	AX	FQ		B	6th mirror	ﾀﾞｲ6ﾐﾗｰN
43	PSHEZ3334FCZZ	AA	DJ		C	6th mirror shield sheet F	6ﾐﾗｰｼｬｺｳｼｰﾄF
44	PSHEZ3335FCZZ	AA	DJ		C	6th mirror shield sheet R	6ﾐﾗｰｼｬｺｳｼｰﾄR
45	PSHEP3304FCZZ	AE	DS		C	Base plate shield sheet	ﾀﾞｲﾊﾞﾝｼｬｺｳｼｰﾄ
46	XBPSD30P06K00	AA	DD		C	Screw (3 × 6K)	ﾋﾞｽ
47	RMŌTP0696FCZZ	AV	FQ		B	Lens motor	ﾚﾝｽﾞﾓｰﾀｰ
50	XCPSF40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
51	XCPSD30P06000	AA	DD		C	Screw (3 × 6)	ﾋﾞｽ
52	RMŌTP0697FCZZ	AV	FQ		B	Mirror base motor	4,5ﾐﾗｰﾍﾞｰｽﾓｰﾀｰ
53	XBPSD40P06000	AA	DD		C	Screw (4 × 6)	ﾋﾞｽ
54	CPWBF0941FC32	AU	FG		E	Photo control sensor PWB	ｺｳﾘｮｳﾎｾｲｷﾊﾞﾝ
55	PWiR-0155FCZZ	AP	EQ		C	4th,5th mirror drive wire	4,5ﾐﾗｰｸﾄﾞｳﾜｲﾔｰ
56	NBRGC0455FCZ1	AB	DJ		B	4th 5th drive hold bearing(large)	4/5ｸﾄﾞｳｳｹﾍﾞｱﾘﾝｸﾞ(ﾀﾞｲ)
57	LPLTP4378FCZZ	AM	EG		C	4th,5th mirror drive plate	4,5ﾐﾗｰｸﾄﾞｳｲﾀ
58	XWHSD40-08000	AA	DD		C	Washer	ﾜｯｼｬ
59	PGUMS0236FCZZ	AB	DJ		C	Table glass rubber	ﾃｰﾌﾞﾙｶﾞﾗｽｺﾞﾑ
60	PSHEP3333FCZZ	AA	DJ		C	Laser shield sheet	ﾚｰｻﾞｰｼｬｺｳｼｰﾄ
61	LPLTM4540FCZZ	AD	DJ		C	Stopper adjusting plate	ｽﾄｯﾊﾟｰﾁｮｳｾｲｲﾀ
62	LPLTP4025FCZZ	AK	EB		C	ORS PWB fixing plate (Japan only)	ｼﾞｭｺｳｷﾊﾞﾝﾄﾘﾂｹｲﾀ
63	CPWBF0935FC31	AX	FX		E	ORS light receiving PWB (Japan only)	ORSｼﾞｭｺｳｷﾊﾞﾝJ
64	XEPSD40P06000	AA	DD		C	Screw (4 × 6)(Japan only)	ﾋﾞｽ
65	XBBSD40P08000	AA	DD		C	Screw (4 × 8)(Japan only)	ﾋﾞｽ
66	PSHEZ3733FCZZ	AF	DX		C	(Japan only)	ｼﾞｭｺｳｽﾘｯﾄｼｰﾄ
67	LBNDJ0002FCZZ	AA	DD		C	Wire fixing band (HP-4N)(Japan only)	ｺｰﾄﾞﾊﾞﾝﾄﾞ
71	NPLYZ0167FCZZ	AF	DS		C	Pulley	ﾌﾟｰﾘｰ
72	XBPSD30P08KS0	AA	DD		C	Screw (3 × 8KS)	ﾋﾞｽ
73	LPFTF0026FCZZ	AG	DS		C	Winder pulley flange	ﾏｷﾄﾘﾌﾟｰﾘｰﾌﾗﾝｼﾞ
74	XBTSF30P05000	AA	DD		C	Screw (3 × 5)	ﾋﾞｽ
75	NPLYZ0130FCZ1	AL	EG		C	Winder pulley	ﾏｷﾄﾘﾌﾟｰﾘｰ
76	NBRGY0131FCZZ	AM	EG		B	Bearing (With φ22 E ring)	ﾍﾞｱﾘﾝｸﾞ
77	NSFTZ1927FCZZ	AU	FG		C	Winder drive shaft	ﾏｷﾄﾘｸﾄﾞｳｼﾞｸ
78	CWiR-0103FC02	AT	FQ		C	MB wire	MBﾜｲﾔｰ
⚠ 79	CREFL0167FC31	BV	RB	N	E	Copy lamp unit (100V series)	ｺﾋﾟｰﾗﾝﾌﾟﾕﾆｯﾄ
⚠	CREFL0167FC32	BV	RB	N	E	Copy lamp unit (200V series)	ｺﾋﾟｰﾗﾝﾌﾟﾕﾆｯﾄ
80	XBPBZ40P06K00	AA	DD		C	Screw (4 × 6K)	ﾋﾞｽ
81	LANGT1379FCZZ	AE	DS		C	Tension adjusting angle (Japan only)	ﾃﾝｼｮﾝﾁｮｳｾｲｱﾝｸﾞﾙ
	LANGT1290FCZZ	AD	DJ		C	Tension adjusting angle (Except Japan)	ﾃﾝｼｮﾝﾁｮｳｾｲｱﾝｸﾞﾙ
82	CPLTM4316FC31	BM	HZ		E	2nd,3rd mirror fixing plate unit	2,3ﾐﾗｰﾄﾘﾂｹｲﾀﾕﾆｯﾄ

7 光学部 (Optical section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
83	NPLYZ0284FCZZ	AC	DJ		C	CL pulley	CLﾌﾟｰﾘｰ
84	LPLTM4320FCZZ	AE	DS		C	Optical shaft fixing plate	ｺｳｶﾞｸｼﾞｸｺﾃｲｲﾀ
85	CLNS-0048FC31	BT	NU		E	Lens unit	ﾚﾝｽﾞﾕﾆｯﾄ
86	PSHEP3300FCZZ	AR	EQ		C	Lens shield sheet upper	ﾚﾝｽﾞｼｬｺｳｼｰﾄｳｴ
87	PSHEP3475FCZZ	AG	DX		C	Shield sheet B	ｼｬｺｳｼｰﾄB
88	PSHEP3333FCZZ	AA	DJ		C	Laser shield sheet	ﾚｰｻﾞｰｼｬｺｳｼｰﾄ
89	NSFTZ1928FCZZ	AN	EQ		C	Lens guide shaft	ﾚﾝｽﾞｶﾞｲﾄﾞｼﾞｸ
90	CPLTM4321FC31	BK	HL		E	4th,5th mirror fixing plate unit	4,5ﾐﾗｰﾄﾘﾂｹｲﾀﾕﾆｯﾄ
91	NSFTZ1929FCZZ	AH	DX		C	4,5th mirror	4,5ﾐﾗｰｶﾞｲﾄﾞｼﾞｸ
92	PCŌVP1177FCZZ	AW	FG		C	Dark box cover upper	ｱﾝﾊﾞｺｶﾊﾞｰｳｴ
93	PSHEZ3435FCZ1	AD	DS		C	Dark box cover upper sheet	ｱﾝﾊﾞｺｶﾊﾞｰｳｴｼｰﾄ
94	PSHEP3474FCZZ	AD	DS		C	Shield sheet A	ｼｬｺｳｼｰﾄA
95	PSHEP3543FCZZ	AB	DJ		C	4.5 sensor shield sheet	4.5ｾﾝｻｰｼｬｺｳｼｰﾄ
96	PGUMS0247FCZZ	AB	DJ		C	Table glass rubber	ﾃｰﾌﾞﾙｶﾞﾗｽｺﾞﾑ
97	LBNDJ2003SCZZ	AA	DD		C	Wire fixing band (PLT1M)	ﾜｲﾔｰｺﾃｲﾊﾞﾝﾄﾞ
98	LBSHC0058FCZZ	AA	DD		C	Bushing (CE-024-020L)	ﾌﾞｯｼﾝｸﾞ
100	LPLTM4324FCZZ	AD	DS		C	Solenoid adjusting plate	ｿﾚﾉｲﾄﾞﾁｮｳｾｲｲﾀ
101	LBSHC0252FCZZ	AB	DD		C	Bushing (CE024L85)	ﾌﾞｯｼﾝｸﾞ
102	PSHEP3542FCZZ	AH	DX		C	Lens guide sheet	ﾚﾝｽﾞｶﾞｲﾄﾞｼｰﾄ
103	XHBSD40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
104	TCAUH0947FCZZ	AB	DJ		C	Caution label (AB/200V series)	ｶﾝﾃﾞﾝﾁｭｳｲﾗﾍﾞﾙ
106	PSHEP3563FCZZ	AB	DJ		C	Cabinet hock sheet B	ｷｬﾋﾞﾌｯｸﾌﾞｼｰﾄB
107	PSHEP3562FCZZ	AB	DJ		C	Cabinet hock sheet A	ｷｬﾋﾞﾌｯｸﾌﾞｼｰﾄA
108	LBSHZ2052SCZZ	AC	DD		C	Edging (L100-T5)	ｴｯｼﾞﾝｸﾞ
110	PSHEP3561FCZZ	AD	DJ		C	Optical cover sheet	ｺｳｶﾞｸｶﾊﾞｼｰﾄ
111	LX-BZ0503FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
112	LBSHC0322FCZZ	AD	DJ	N	C	Bushing (T1.6L9)	ｴｯｼﾞﾝｸﾞ
113	LBSHC0185FCZZ	AA	DD		C	Bushing	ﾌﾞｯｼﾝｸﾞ
114	PHŌG-0238FCZZ	AB	DD		C	Plug protector (172336-1)(Japan,U.S.A.)	ﾌﾟﾗｸﾞﾎｺﾞ

7 光学部 (Optical section)


11
10
9
8
12
7
13
14
61
18
15
106
22
103
20
21
98
108
114
6
5
4
3
2
1
97
26
55
53
54
19
51
58
29
56
57
52
59
60
24
23
107
96
25
28
27
110
111
30
32
31
65
62
66
67
63
64
41
44
40
39
38
37
42
43
101
47
46
112
100
113
50
45
33
89
34
35
36
Japan only
71
80
78
79
74
75
73
72
77
82
81
102
93
83
76
104
92
94
86
84
85
88
87
95
91
90
a
b
c
d
e
f
g
h
i
j
k
l
FCP01846

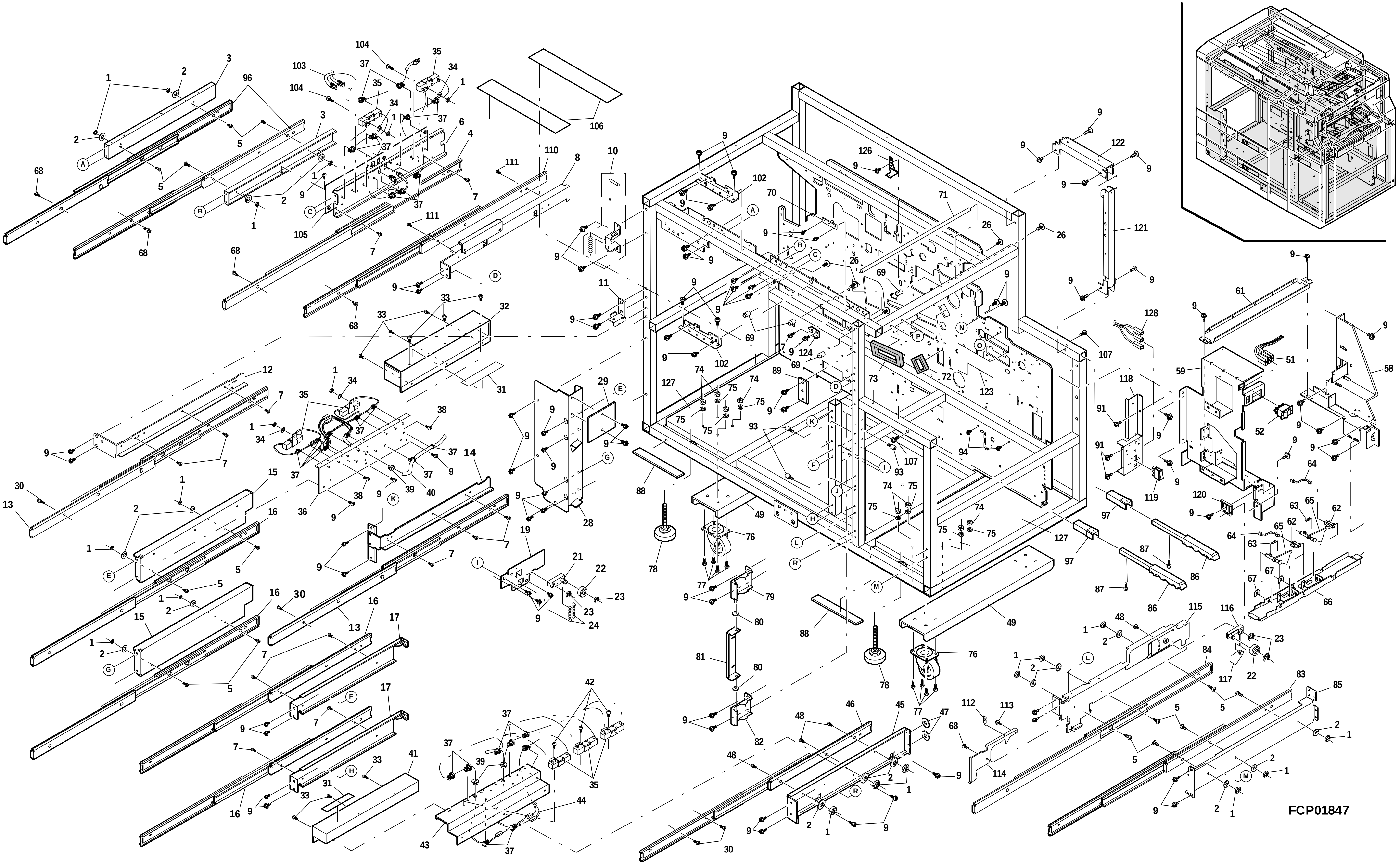
8 前ﾌﾚｰﾑ (Front frame)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	XNESD40-32000	AA	DD		C	Nut	ﾅｯﾄ
2	XWSSD40-08000	AA	DD		C	Washer	ﾏﾙｻﾞｶﾞﾈ
3	LPLTM4292FCZZ	AQ	EQ		C	FU rail fixing plate	FUｱｷｭﾗｲﾄﾄﾘﾂｹｲﾀ
4	LRALM0112FCZZ	AZ	FX		C	Slide rail R	ｽﾗｲﾄﾞﾚｰﾙR
5	XBBSD40P10000	AA	DD		C	Screw (4×10)	ﾋﾞｽ
6	LSTYM0192FCZZ	AP	EQ		C	Process stay D	ﾌﾟﾛｾｽｽﾃｰD
7	XBBSD40P08000	AA	DD		C	Screw (4×8)	ﾋﾞｽ
8	CSTYM0220FC01	AT	EZ	N	C	Process stay C	ﾌﾟﾛｾｽｽﾃｰC
9	LX-BZ0689FCZZ	AA	DD		C	Screw (4×8)	ﾋﾞｽ
10	CANGT1356FC31	AQ	EQ		C	Front exterior L angle upper	ﾏｴｷｬﾋﾞLﾌﾞﾗｹｯﾄｳｴ
11	CANGT1357FC01	AK	EB		C	Front exterior L angle lower	ﾏｴｷｬﾋﾞLﾌﾞﾗｹｯﾄｼﾀ
12	LPLTM4226FCZZ	AM	EQ		C	Transport ACC fixing plate L	ﾊﾝｿｳACCﾄﾘﾂｹｲﾀL
13	MSLi-0115FCZZ	BB	GD		C	Transport slider	ﾊﾝｿｳｱｷｭﾗｲﾄﾞ
14	CPLTM4227FC01	AP	EQ		C	Transport ACC fixing plate R	ﾊﾝｿｳACCﾄﾘﾂｹｲﾀR
15	LPLTM4348FCZZ	AP	EQ		C	1000 joint plate L	1000ﾚﾝｹﾂｲﾀL
16	MSLi-0117FCZZ	AZ	FX		C	Slider 1000	ｱｷｭﾗｲﾄﾞ1000
17	LPLTM4347FCZZ	AT	EZ		C	1000 joint plate R	1000ﾚﾝｹﾂｲﾀR
19	CPLTM4436FC01	AH	EB		C	Transport lock fixing plate	ﾊﾝｿｳﾛｯｸﾄﾘﾂｹｲﾀ
21	CPLTM1510FC05	AF	DS		C	Tray lock tension plate	ﾄﾚｲﾛｯｸﾃﾝｼｮﾝｲﾀ
22	NRŌLR1047FCZZ	AK	EB		C	Tray lock roller	ﾄﾚｲﾛｯｸﾛｰﾗｰ
23	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
24	MSPRT1780FCZZ	AB	DD		C	Tray lock spring	ﾄﾚｲﾛｯｸｽﾌﾟﾘﾝｸﾞ
26	LX-BZ0527FCZZ	AA	DD		C	Screw (4×8)	ﾋﾞｽ
28	LPLTM4218FCZZ	AT	EZ		C	Rail fixing plate	ｱｷｭﾗｲﾄﾞﾄﾘﾂｹｲﾀﾀﾞｲ
29	PCŌVP1196FCZ1	AE	DS		C	1000 tray protect cover	1000ﾄﾚｲﾎｺﾞｶﾊﾞｰ
30	LX-BZ0684FCZZ	AB	DD		C	Screw	ﾋﾞｽ
31	TCAUH0983FCZZ	AC	DJ		C	HT caution label (Japan only)	ｺｳｵﾝﾁｭｳｲﾗﾍﾞﾙJ
32	PCŌVP1224FCZZ	AS	EZ		C	Heater cover (Japan only)	ﾊﾝﾃﾝﾋｰﾀｰｶﾊﾞｰ
33	XBPSD40P08KS0	AA	DD		C	Screw (4×8KS)(Japan only)	ﾋﾞｽ
34	XWSSD40-10000	AA	DD		C	Washer (Japan only)	ﾜｯｼｬ
35	CR-WZ0425FC01	AW	FG		B	Cement resistor (Japan only)	ｾﾒﾝﾄﾃｲｺｳ
36	LPLTM4528FCZZ	AV	FG		C	Heater fixing plate (Japan only)	ﾊﾝﾃﾝﾋｰﾀｰﾄﾘﾂｹｲﾀ
37	LBNDJ0043FCZZ	AA	DD		C	Snap band (SG-130)(Japan only)	ｽﾅｯﾌﾟﾊﾞﾝﾄﾞ
38	LX-BZ0319FCZZ	AC	DD		C	Screw (4×6)(Japan only)	ﾄﾗｽﾋﾞｽ
39	LBSHC2018SCZZ	AC	DD		C	Bushing (Japan only)	ﾜﾝﾀｯﾁﾌﾞｯｼｭ
40	DHAi-2272FCZZ	AQ	EQ		C	SB dry harness (Japan only)	SBﾄﾞﾗｲﾊｰﾈｽ
41	PCŌVP1223FCZZ	AS	EZ		C	Tray heater cover (Japan only)	ﾄﾚｲﾋｰﾀｰｶﾊﾞｰ
42	XBPSD40P08K00	AA	DD		C	Screw (4×8K)(Japan only)	ﾋﾞｽ
43	LPLTM4527FCZZ	AU	FG		C	Tray heater fixing plate (Japan only)	ﾄﾚｲﾋｰﾀｰﾄﾘﾂｹｲﾀ
44	DHAi-2270FCZZ	AT	EZ		C	Transport dry interface harness (Japan only)	ﾊﾝｿｳﾄﾞﾗｲﾁｭｳｹｲﾊｰﾈｽ
45	CPLTM4471FC01	AT	EZ		C	Transport ACC fixing plate lower	ﾊﾝｿｳACCﾄﾘﾂｹｲﾀ ｼﾀ
46	MSLi-0120FCZZ	BB	GD		C	Transport slider R	ﾊﾝｿｳｱｷｭﾗｲﾄﾞR
47	PMLT-0912FCZZ	AB	DJ		C	ACC fixing plate cushion	ACCﾄﾘﾂｹｲﾀﾓﾙﾄ
48	XBBSD40P08000	AA	DD		C	Screw (4×8)	ﾋﾞｽ
49	LPLTM4521FCZZ	AR	EQ		C	Caster sub plate	ｷｬｽﾀｰﾎｷｮｳｲﾀ
51	DHAi-2699FCZZ	BD	GN	N	C	MSW harness (Japan···20A)	MSWﾊｰﾈｽ
	DHAi-2699FC11	BD	GN	N	C	MSW harness (Japan···15A,100V series)	MSWﾊｰﾈｽ
	DHAi-2699FC12	BE	GN	N	C	MSW harness (200V series)	MSWﾊｰﾈｽ
52	QSW-Z1390QCZZ	BA	FX		B	Switch	ｽｲｯﾁ
58	LPLTM5144FCZZ	AZ	FQ	N	C	Multi tray fixing plate R	ﾏﾙﾁﾄﾘﾂｹｲﾀR
59	LPLTM5138FCZZ	BB	GD	N	C	Right front frame plate	ﾐｷﾞﾏｴﾌﾚｰﾑｲﾀ
61	LPLTM5223FCZZ	AH	DX	N	C	Harness fixing plate	ﾊｰﾈｽｺﾃｲﾊﾞﾝ
62	VHPGP1A71A1-1	AG	DX		B	Photo sensor (GP1A71A1)	ﾌｫﾄｾﾝｻｰ
63	MSPRT1146FCZZ	AA	DD		C	Separator spring	ﾊｸﾘｽﾌﾟﾘﾝｸﾞ
64	DHAi-2705FCZZ	AK	DX	N	C	TUD1 interface harness	TUD1ﾁｭｳｹｲﾊｰﾈｽ
65	MLEVP0737FCZZ	AF	DS	N	C	Switch lever	ｼﾞｮｳｹﾞﾝSWｱｸﾁｭｴｰﾀｰ
66	LPLTM5143FCZZ	AK	EB	N	C	Switch fixing plate	ｼﾞｮｳｹﾞﾝｽｲｯﾁﾄﾘﾂｹｲﾀ
67	PRNGP0081FCZZ	AA	DJ		C	Ring (E4)	E4ｼﾞｭｼｾｲﾘﾝｸﾞ
68	LX-BZ0546FCZZ	AC	DJ		C	Screw	ﾋﾞｽ
69	LBŌSZ1455FCZZ	AG	DX		C	Process control boss	ﾌﾟﾛｾｽｷｼﾞｭﾝﾎﾞｽ
70	CPLTM4325FC01	AF	DS		C	Optical support plate	ｺｳｶﾞｸｼｼﾞｲﾀ
71	NSFTZ2289FCZZ	AU	EZ	N	C	Hopper support shaft	ﾎｯﾊﾟｰｼｼﾞｼﾞｸ
72	PMLT-0897FCZZ	AC	DJ		C	D blow duct cushion	Dﾌｷﾂｹﾀﾞｸﾄﾓﾙﾄ
73	PSEL-0560FCZZ	AF	DX		C	D vacuum seal	Dｷｭｳｲﾝｼｰﾙ
74	XNESD60-50000	AA	DD		C	Nut	ﾅｯﾄ
75	XWSSD60-15000	AA	DD		C	Washer	ﾜｯｼｬ
76	GLEGM0060FCZZ	AY	FQ		C	Caster	ｷｬｽﾀｰ
77	XBRSE60-14000	AA	DD		C	Screw (6×14)	ﾋﾞｽ
78	PAJS-0011FCZ1	AV	FG		C	Adjuster	ｱｼﾞｬｽﾀｰ
79	CHNG-0160FC01	AP	EQ		C	Front exterior R hinge upper	ﾏｴｷｬﾋﾞRﾋﾝｼﾞ ｳｴ
80	XWHSD40-10100	AA	DD		C	Washer	ﾜｯｼｬ
81	LPLTM4433FCZZ	AF	DX		C	Front exterior R hinge fixing plate	ﾏｴｷｬﾋﾞRﾋﾝｼﾞﾄﾘﾂｹｲﾀ
82	CHNG-0160FC02	AP	EQ		C	Front exterior R hinge lower	ﾏｴｷｬﾋﾞRﾋﾝｼﾞ ｼﾀ
83	MSLiF0130FCZZ	BD	GJ	N	C	ACC slider 3000	ACCｽﾗｲﾀﾞｰ3000
84	MSLi-0116FCZZ	AZ	FX		C	Slider 2000	ｱｷｭﾗｲﾄﾞ2000
85	LPLTM5142FCZZ	AT	EZ	N	C	ACC fixing plate 3000R	ACCﾄﾘﾂｹｲﾀ3000R
86	JHNDP0117FCZZ	AT	EZ		C	Handle (Except U.S.A.,CANADA)	ﾄｯﾃ
87	LX-BZ0266FCZZ	AB	DD		C	Screw (Except U.S.A.,CANADA)	ﾋﾞｽ
88	PSHEZ3337FCZZ	AE	DS		C	Adjuster protect sheet	ｱｼﾞｬｽﾀｰﾎｺﾞｼｰﾄ
89	LPLTM4429FCZZ	AC	DJ		C	Process fixing plate	ﾌﾟﾛｾｽｺﾃｲﾊﾞﾝ

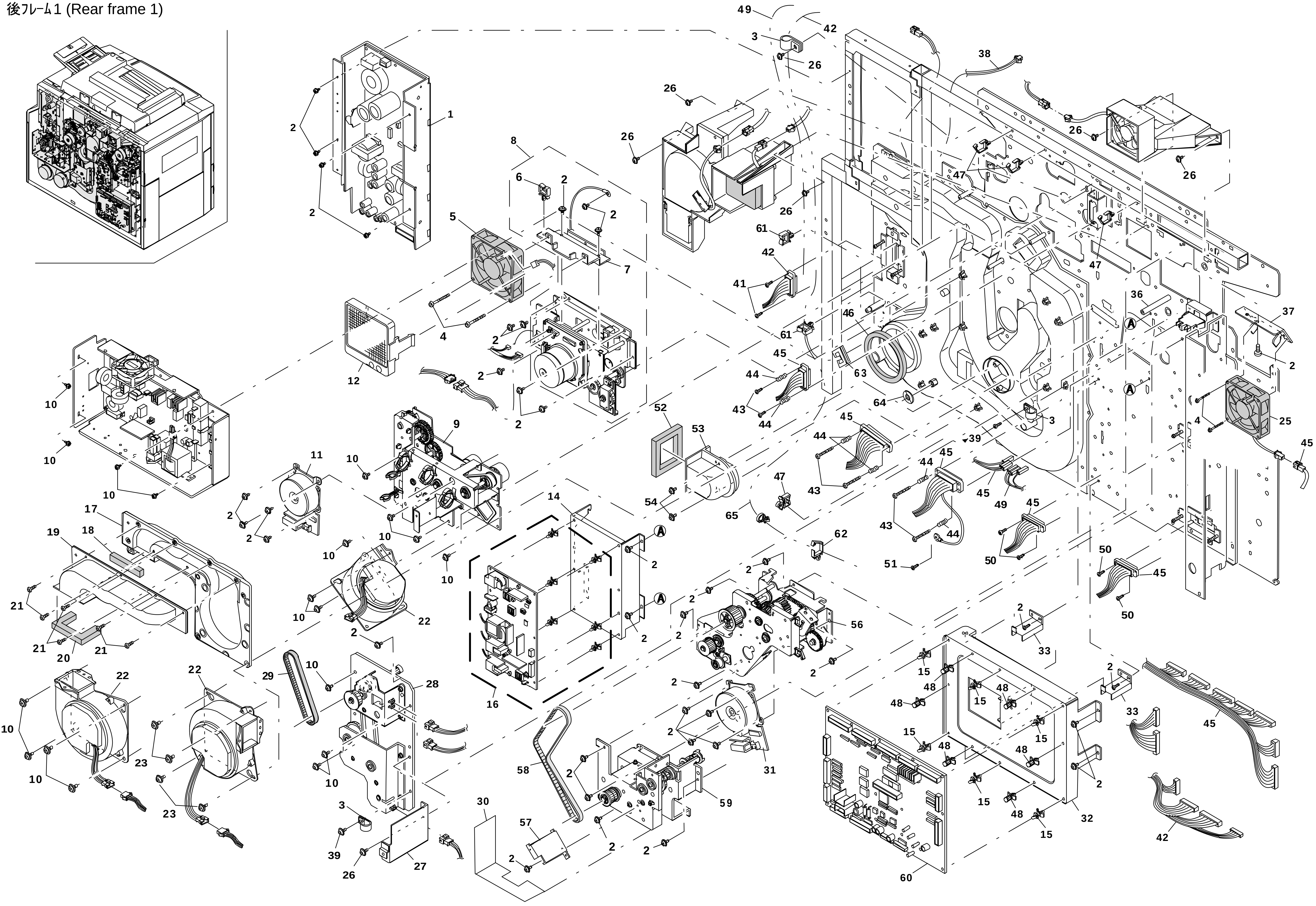
8 前ﾌﾚｰﾑ (Front frame)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
91	XHBSE40P10000	AA	DD		C	Screw (4×10)	ﾋﾞｽ
93	LX-BZ0156FCZZ	AA	DD		C	Screw	ﾋﾞｽ
94	LX-BZ0555FCZZ	AB	DD		C	DV S fixing screw	DVS ﾄﾘﾂｹﾋﾞｽ
96	MSLi-0123FCZZ	AZ	FX		C	FU slider	FUｱｷｭﾗｲﾄﾞ
97	PSHEP3476FCZZ	AF	DX		C	Chassis sheet (Except U.S.A.,CANADA)	ｼｬｯｼｰｰｼｰﾄ
102	LPLTM4229FCZZ	AG	DX		C	Front frame fixing plate	ﾏｴﾌﾚｰﾑﾄﾘﾂｹｲﾀ
103	DHAi-2273FCZZ	AP	EQ		C	Optical dry harness (Japan only)	ｺｳｶﾞｸﾄﾞﾗｲﾊｰﾈｽ
104	LX-BZ0319FCZZ	AC	DD		C	Screw (4×6)(Japan only)	ﾄﾗｽﾋﾞｽ
105	PSHEZ3479FCZZ	AS	EZ		C	D stay protect sheet (Japan only)	Dｽﾃｲﾎｺﾞｽｴｰﾄﾞ
106	PSHEP3553FCZZ	AF	DX		C	SB lower sheet	SBｼﾀﾏｲﾗｰ
107	XHPSD40P30000	AA	DD		C	Screw (4×30)(Except U.S.A.,CANADA)	ﾋﾞｽ
110	MSLiF0131FCZZ	BA	FX	N	C	Process UN slide rail	ﾌﾟﾛｾｽUNｽﾗｲﾄﾞﾚｰﾙ
111	XHBSD40P08000	AA	DD		C	Screw (4×8)	ﾋﾞｽ
112	MSPRC2039FCZZ	AD	DJ		C	Lock spring 1000	ﾛｯｸｽﾌﾟﾘﾝｸﾞ
113	XBBSD30P16000	AA	DD		C	Screw (3×16)(200V series)	ﾋﾞｽ
114	MLEVF0719FCZZ	AL	EB	N	C	Lock release lever	ﾛｯｸｶｲｼﾞｮﾚﾊﾞｰ
115	CPLTM5141FC01	AY	FQ	N	C	ACC fixing plate 3000	ACCﾄﾘﾂｹｲﾀ3000
116	CPLTM1510FC08	AG	DX		C	Tray tension plate	ﾄﾚｲﾃﾝｼｮﾝﾊﾞﾝ
117	MSPRT1562FCZZ	AB	DD		C	Bottle holder spring	ﾎﾞﾄﾙﾎﾙﾀﾞｰｽﾌﾟﾘﾝｸﾞ
118	LPLTM5224FCZZ	AL	EB	N	C	Name plate fixing plate	ﾒｲﾊﾞﾝﾄﾘﾂｹｲﾀ
119	QSW-W9030QSZZ	AV	FG		B	Heater switch (LLA15L2)(Japan only)	ﾋｰﾀｰｽｲｯﾁ
120	LPLTM5145FCZZ	AE	DS	N	C	Adjusting plate	ｼﾞｮｳｹﾞﾝﾁｮｳｾｲｲﾀ
121	LCHSM0064FCZZ	AT	EZ	N	C	Chassis RB	ｼｬｰｼ RB
122	LCHSM0061FCZZ	AN	EG	N	C	Chassis R	ｼｬｰｼ R
123	PSHT-0073FCZZ	AG	DX	N	C	Air shutter	ｴｱｰｼｬｯﾀｰ
124	LPLTM5222FCZZ	AD	DJ	N	C	Fixing shaft rotation plate	ｺﾃｲｼﾞｸｶｲﾃﾝｲﾀ
126	QEARP0091FCZZ	AF	DS	N	C	Suction earth plate	ｻｸｼｮﾝｱｰｽﾊﾞﾝ
127	LPLTM4228FCZZ	BB	GJ		C	Caster fixing plate	ｷｬｽﾀｰﾄﾘﾂｹｲﾀ
128	DHAi-2719FCZZ	AP	EQ		C	DR switch harness (Japan only)	DRｽｲｯﾁﾊｰﾈｽ

8 前ﾌﾚｰﾑ (Front frame)


104
35
103
37
34
1
104
35
34
37
1
37
6
4
3
1
2
96
3
2
5
68
A
5
1
9
C
7
B
2
1
105
68
7
111
111
110
8
106
10
68
9
D
68
9
33
32
33
31
11
9
12
7
1
34
35
37
38
37
37
9
39
40
14
36
38
9
K
30
13
15
1
2
1
E
16
5
5
1
2
15
1
2
G
16
30
13
16
17
7
F
9
7
17
7
H
33
41
31
33
16
9
9
9
9
29
E
G
28
9
19
I
21
22
23
23
24
9
42
37
37
39
35
44
43
37
9
126
102
70
71
26
26
9
A
B
C
26
69
9
102
124
69
74
75
75
75
75
127
89
73
72
123
93
K
F
I
J
H
L
R
M
107
94
74
75
74
75
75
127
88
49
76
78
77
9
79
80
81
80
82
9
88
49
78
76
77
46
45
47
48
48
30
9
R
2
1
9
2
1
9
9
122
9
9
9
121
9
9
128
107
118
91
91
119
97
97
87
87
86
86
9
61
59
51
52
9
58
9
9
64
120
63
65
62
64
63
62
67
67
66
116
117
23
22
115
48
1
2
1
2
L
84
112
113
68
114
83
85
5
5
5
2
1
M
2
1
9
2
1
FCP01847

9 後ﾌﾚｰﾑ1 (Rear frame 1)


1
2
3
4
5
6
7
8
9
10
11
12
14
15
16
17
18
19
20
21
22
23
25
26
27
28
29
30
31
32
33
36
37
38
39
41
42
43
44
45
46
47
48
49
50
51
52
53
54
56
57
58
59
60
61
62
63
64
65
A

FCP01848

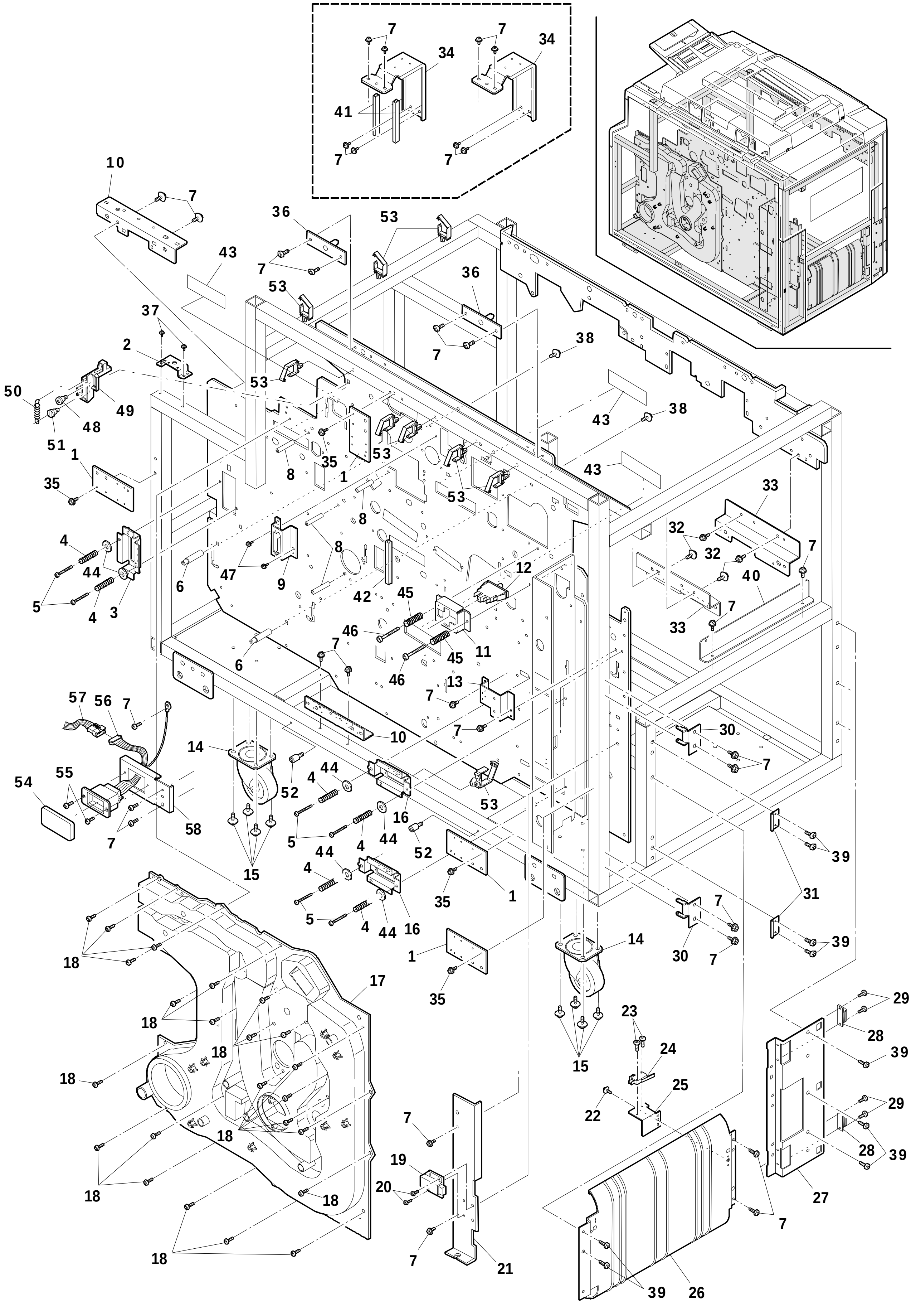
9 後ﾌﾚｰﾑ1 (Rear frame 1)

	NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
			Ex.	Ja.				
⚠	1	CPWBF1205FC31	CE	UH	N	E	DC power supply PWB (Japan,100V series)	DCﾃﾞﾝｹﾞﾝｷﾊﾞﾝ
⚠		CPWBF1206FC31	CG	UM	N	E	DC power supply PWB (200V series)	DCﾃﾞﾝｹﾞﾝｷﾊﾞﾝ
	2	LX-BZ0689FCZZ	AA	DD		C	Screw (4 ✕ 8)	ﾋﾞｽ
	3	LHLDW0024HCZZ	AC	DD		C	Wire holder (HP-13N)	ﾅｲﾛﾝｸﾗﾝﾌﾟ
	4	XBPSD40P35KS0	AA	DD		C	Screw (4 ✕ 35KS)	ﾋﾞｽ
	5	RMŌTE0729FCZ1	AZ	FX		B	Cooling fan motor	ｸ ｰ ﾘﾝｸﾞﾌｧﾝﾓｰﾀｰ
	6	LHLDW2047SCZZ	AA	DD		C	Wire holder (WS-1NS)	ﾜｲﾔｰｻﾄﾞﾙ
	7	LPLTM4458FCZZ	AG	DX		C	CF fixing plate B	CFﾄﾘﾂｹｲﾀ B
	8	CPLTM4232FC52	CA	TV	N	E	Drum drive unit	ﾄﾞﾗﾑｸﾄﾞｳﾕﾆｯﾄ
	9	CPLTM5148FC31	BV	RB	N	E	Multi drive unit	ﾏﾙﾁｸﾄﾞｳﾕﾆｯﾄ
	10	LX-BZ0527FCZZ	AA	DD		C	Screw (4 ✕ 8)	ﾋﾞｽ
	11	RMŌTP0802FCZZ	BQ	LP	N	B	Paper feeding/transport motor	ｷｭｳｼ / ﾊﾝｿｳﾓｰﾀｰ
	12	PFiLZ0249FCZZ	BA	FX	N	B	Ozone filter	ｵｿﾞﾝﾌｨﾙﾀｰ
	14	LPLTM5146FCZZ	AQ	EQ	N	C	HV PWB fixing plate	ｺｳｱﾂｷﾊﾞﾝﾄﾘﾂｹｲﾀ
	15	LSUPP0060FCZZ	AA	DD		C	PWB supporter (SPLS-6)	ｷﾊﾞﾝｻﾎﾟｰﾀｰ
	16	RTRNZ0528FCZ1	CA	TR	N	B	High voltage transformer	ｺｳｱﾂﾄﾗﾝｽ
	17	PDUC-0082FCZZ	AP	EQ		D	Muffler duct A	ｼｮｳｵﾝﾀﾞｸﾄ A
	18	PSEL-0558FCZZ	AT	EZ		C	Muffler seal A	ｼｮｳｵﾝｼｰﾙ A
	19	PDUC-0083FCZZ	AK	EB		D	Muffler duct B	ｼｮｳｵﾝﾀﾞｸﾄ B
	20	PSEL-0559FCZZ	AT	EZ		C	Muffler seal B	ｼｮｳｵﾝｼｰﾙ B
	21	XEBSD40P12000	AA	DD		C	Screw (4 ✕ 12)	ﾋﾞｽ
	22	RMŌTP0805FCZZ	BT	NE	N	B	Fan motor	ﾌｧﾝﾓｰﾀｰ
	23	XBPSD40P25KS0	AA	DD		C	Screw (4 ✕ 25KS)	ﾋﾞｽ
	25	RMŌTE0630FCZZ	AW	FX		B	Main motor(cooling)	ﾒｲﾝﾓｰﾀｰ(ﾚｲｷｬｸ)
	26	XHBSE40P10000	AA	DD		C	Screw (4 ✕ 10)	ﾋﾞｽ
	27	LPLTM4493FCZZ	AK	EB		C	Rear exterior sub plate	ｳｼﾛｶﾞｲｿｳﾎｷｮｳｲﾀ
	28	CPLTM4238FC31	BS	MW		E	Paper feeding drive unit	ｷｭｳｼｸﾄﾞｳﾕﾆｯﾄ
	29	NBLTH0184FCZZ	AF	DS		B	Drive belt C	ｸﾄﾞｳﾍﾞﾙﾄ C
	30	PSHEP4259FCZZ	AG	DX	N	C	Transport drive sheet	ﾊﾝｿｳｸﾄﾞｳﾏｲﾗｰ
	31	RMŌTP0803FCZZ	BQ	LP	N	B	Fusing motor	ﾃｲﾁｬｸﾓｰﾀｰ
	32	LPLTM5147FCZZ	AU	EZ	N	C	Main PWB fixing plate	ﾒｲﾝｷﾊﾞﾝﾄﾘﾂｹｲﾀ
	33	LPLTM5225FCZZ	AF	DS	N	C	Main PWB fixing support plate	ﾒｲﾝﾝｷﾊﾞﾝﾄﾘﾂｹｼｼﾞｲﾀ
	36	NSFTZ2290FCZZ	AN	EG	N	C	Fusing drive support shaft	ﾃｲﾁｬｸｸﾄﾞｳｼｼﾞｼﾞｸ
	37	LPLTM5305FCZZ	AH	DX	N	C	CF fixing plate	CFﾄﾘﾂｹｲﾀ
	38	DHAi-2714FCZZ	AH	DX	N	C	CSS interface harness	CSSﾁｭｳｹｲﾊｰﾈｽ
	39	XBBSD40P10000	AA	DD		C	Screw (4 ✕ 10)	ﾋﾞｽ
	41	XBPSD30P12000	AA	DD		C	Screw (3 ✕ 12)	ﾋﾞｽ
	42	DHAi-2697FCZZ	BT	MW	N	C	Main harness L (100V series)	ﾒｲﾝﾊｰﾈｽL100
		DHAi-2697FC11	BT	NE	N	C	Main harness L (200V series)	ﾒｲﾝﾊｰﾈｽL200
	43	LX-BZ0510FCZZ	AB	DD		C	Screw	ｺﾈｸﾀｰｽﾗｲﾄﾞﾋﾞｽ
	44	MSPRC0950FCZZ	AB	DD		C	Connector slide spring	ｺﾈｸﾀｰｽﾗｲﾄﾞｽﾌﾟﾘﾝｸﾞ
	45	DHAi-2698FCZZ	BV	RB	N	C	Main harness R (Japan···20A only)	ﾒｲﾝﾊｰﾈｽR(ｺｸﾅｲ..20ｱﾝﾍﾟｱ)
		DHAi-2698FC11	BV	RB	N	C	Main harness R (Japan···15A,Export)	ﾒｲﾝﾊｰﾈｽR
	46	PSEL-0522FCZZ	AG	DX		C	Body seal 1	ﾎﾝﾀｲｼｰﾙ1
	47	LHLDW1154FCZZ	AC	DJ		C	Wire holder (LWS5S2W)	Wｻﾄﾞﾙ
	48	LSUPP0076FCZZ	AA	DD		C	PWB supporter (SPS-6)	ｷﾊﾞﾝｻﾎﾟｰﾀｰ
	49	DHAi-2699FCZZ	BD	GN	N	C	MSW harness (Japan···20A)	MSWﾊｰﾈｽ
		DHAi-2699FC11	BD	GN	N	C	MSW harness (Japan···15A,100V series)	MSWﾊｰﾈｽ
		DHAi-2699FC12	BE	GN	N	C	MSW harness (200V series)	MSWﾊｰﾈｽ
	50	XBPSD40P12000	AA	DD		C	Screw (4 ✕ 12)	ﾋﾞｽ
	51	XBPBN40P06K00	AA	DD		C	Screw (4 ✕ 6K)	ﾋﾞｽ
	52	PSEL-0523FCZZ	AB	DJ		C	Body seal 2	ﾎﾝﾀｲｼｰﾙ2
	53	MJNTP0015FCZZ	AH	DX		C	Duct joint	ﾀﾞｸﾄｼﾞｮｲﾝﾄ
	54	XBBSD40P12000	AA	DD		C	Screw (4 ✕ 12)	ﾋﾞｽ
	56	CPLTM5151FC31	BS	MJ	N	E	Fusing drive unit	ﾃｲﾁｬｸｸﾄﾞｳﾕﾆｯﾄ
	57	LPLTM5243FCZZ	AG	DS	N	C	Rear exterior fixing plate	ｳｼﾛｶﾞｲｿｳﾄﾘﾂｹｲﾀ
	58	NBLTH0136FCZZ	AL	EB		B	Drive belt E (633)	ｸﾄﾞｳﾍﾞﾙﾄ E
	59	CPLTM4245FC32	BR	LX	N	E	Transport drive unit	ﾊﾝｿｳｸﾄﾞｳﾕﾆｯﾄ
	60	CPWBN1199FC51	CL	UT	N	E	Main PWB	ﾒｲﾝｷﾊﾞﾝ
	61	LHLDW0429FCZZ	AB	DD		C	Wire holder (Japan only)	ﾜｲﾔｰｻﾄﾞﾙ
	62	LHLDW1154FCZZ	AC	DJ		C	Wire holder (LWS5S2W)(Japan only)	Wｻﾄﾞﾙ
	63	LHLDW0895FCZZ	AC	DD		C	Eadge holder (EDS3)(Japan only)	ｴｯｼﾞｻﾄﾞﾙ
	64	PSEL-0581FCZZ	AB	DJ		C	Air seal	ｴｱｰｼｰﾙ
	65	DHAi-2270FCZZ	AT	EZ		C	Transport dry interface harness (Japan only)	ﾊﾝｿｳﾄﾞﾗｲﾁｭｳｹｲﾊｰﾈｽ

10 後ﾌﾚｰﾑ2 (Rear frame 2)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	LPLTM4224FCZZ	AF	DS		C	Rear exterior fixing plate	ｳｼﾛｷｬﾋﾞﾄﾘﾂｹｲﾀ
2	LPLTM4234FCZZ	AF	DS		C	Cleaner drive plate	ｸﾘｰﾅｸﾄﾞｳﾌﾟﾚｰﾄ
3	LPLTM4411FCZZ	AH	DX		C	2000 body housing	2000ﾎﾝﾀｲﾊｳｼﾞﾝｸﾞ
4	MSPRC2069FCZZ	AB	DJ		C	Drawer fixing spring	ﾄﾞﾛｱｰﾄﾘﾂｹｽﾌﾟﾘﾝｸﾞ
5	LX-BZ0681FCZZ	AB	DD		C	Screw	ﾋﾞｽ
6	NSFTZ1981FCZZ	AG	DX		C	Fan fixing shaft	ﾌｧﾝｺﾃｲｼﾞｸ
7	LX-BZ0689FCZZ	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
8	LBŌSZ1462FCZZ	AK	EB		C	Paper feeding plate boss	ｷｭｳｼﾌﾟﾚｰﾄﾎﾞｽ
9	LPLTM4230FCZZ	AF	DX		C	DR drawer fixing plate	DRﾄﾞﾛﾜｰﾄﾘﾂｹｲﾀ
10	LPLTM4229FCZZ	AG	DX		C	Front frame fixing plate	ﾏｴﾌﾚｰﾑﾄﾘﾂｹｲﾀ
11	LPLTM4231FCZ1	AG	DX		C	Inter lock fusing plate	ｲﾝﾀｰﾛｯｸﾃｲﾁｬｸｲﾀ
12	QSW-M0296FCZZ	AM	EG		B	Inter lock switch (Japan···20A only)	ｲﾝﾀｰﾛｯｸｽｲｯﾁ
	QSW-Z0455FCZZ	AV	FG		B	Inter lock switch (Japan···15A,Export)	ｲﾝﾀｰﾛｯｸｽｲｯﾁ EX
13	LPLTM4462FCZZ	AG	DX		C	Bottle hold plate	ﾎﾞﾄﾙｼｼﾞｲﾀ
14	GLEGM0060FCZZ	AY	FQ		C	Caster	ｷｬｽﾀｰ
15	XBRSE60-14000	AA	DD		C	Screw (6 X 14)	ﾋﾞｽ
16	LPLTM4346FCZZ	AH	DX		C	Housing fixing plate	ﾊｳｼﾞﾝｸﾞﾄﾘﾂｹｲﾀ
17	PDUC-0124FCZZ	BF	GN	N	D	Duct	ﾀﾞｸﾄﾎﾝﾀｲ
18	XBBSD40P08000	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
19	LSTPZ0296FCZZ	AG	DX		C	Push rach stopper	ﾌﾟｯｼｭﾗｯﾁｽﾄｯﾊﾟｰ1PK
20	XHPSD30P08000	AA	DD		C	Screw (3 X 8)	ﾋﾞｽ
21	LPLTM4441FCZZ	AH	DX		C	Push lutch fixing plate	ﾌﾟｯｼｭﾗｯﾁﾄﾘﾂｹｲﾀ
22	LX-BZ0705FCZZ	AB	DD		C	Screw (4 X 8)	ﾋﾞｽ
23	XBPSD30P14K00	AA	DD		C	Screw (3 X 14)	ﾋﾞｽ
24	QSW-M0319FCZZ	AG	DS		B	Door switch (100V series)	ﾄﾞｱｰｽｲｯﾁ
	QSW-M0372FCZZ	AH	DX		B	Door switch (200V series)	ﾄﾞｱｰｽｲｯﾁ
25	LPLTM4299FCZZ	AE	DS		C	Door switch fixing plate	ﾄﾞｱSWﾄﾘﾂｹｲﾀ
26	PGiDH1425FCZ1	AS	EQ		C	SB paper guide F	SBﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ F
27	LPLTM4300FCZZ	AP	EQ		C	Paper guide stay plate F	PGｽﾃｲｲﾀF
28	PMAGT0015FCZZ	AD	DJ		B	Magnet catch (10P)	ﾏｸﾞﾈｯﾄｷｬｯﾁ
29	LX-BZ0250FCZZ	AA	DD		C	Screw (3 X 5)	ﾋﾞｽ(ﾄﾗｽ)
30	MHNG-0161FCZZ	AE	DS		C	Waste toner cover hinge	ﾊｲﾄﾅｰﾌﾀﾋﾝｼﾞ
31	MHNG-0165FCZZ	AE	DS		C	L exterior lower hinge R	Lｷｬﾋﾞｼﾀﾋﾝｼﾞ R
32	LX-BZ0503FCZZ	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
33	LPLTM4414FCZZ	AK	EB		C	Delivery unit fixing plate	ﾊｲｼﾕﾆｯﾄﾄﾘﾂｹｲﾀ
34	MHNG-0163FCZZ	AM	EQ		C	RADF hinge	RADFﾋﾝｼﾞ
35	XHBSE40P10000	AA	DD		C	Screw (4 X 10)	ﾋﾞｽ
36	CPLTM4325FC01	AF	DS		C	Optical support plate	ｺｳｶﾞｸｼｼﾞｲﾀ
37	XHPSD40P04000	AA	DD		C	Screw (4 X 4)	ﾋﾞｽ
38	XBPSD40P08KS0	AA	DD		C	Screw (4 X 8KS)	ﾋﾞｽ
39	XHBSD40P08000	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
40	LPLTM4437FCZZ	AH	DX		C	Left exterior fixing plate	ﾋﾀﾞﾘｷｬﾋﾞﾄﾘﾂｹｲﾀ
41	LBSHC0163FCZZ	AB	DD		C	Bushing	ﾌﾞｯｼﾝｸﾞ
42	LBSHC0252FCZZ	AB	DD		C	Bushing (CE024L85)	ﾌﾞｯｼﾝｸﾞ
43	PSHEP3420FCZZ	AC	DJ		C	Vacuum sheet	ｽｲｺﾐｸﾞﾁﾏｲﾗｰ
44	LX-WZ0135FCZZ	AA	DD		C	Washer	ﾜｯｼｬ
45	MSPRC0876FCZZ	AA	DD		C	Hinge spring	ﾋﾝｼﾞｽﾌﾟﾘﾝｸﾞ
46	LX-BZ0706FCZZ	AB	DD		C	Screw	ﾋﾞｽ
47	LX-BZ0510FCZZ	AB	DD		C	Screw	ｺﾈｸﾀｰｽﾗｲﾄﾞﾋﾞｽ
48	LX-BZ0137FCZZ	AB	DD		C	Screw	ﾃｻｼﾀﾞﾝﾋﾞｽ
49	MLEVP0728FCZZ	AK	EB	N	C	TH shutter lever	THｼｬｯﾀｰﾚﾊﾞｰ
50	MSPRC2570FCZZ	AC	DJ	N	C	TH shutter spring	THｼｬｯﾀｰｽﾌﾟﾘﾝｸﾞ
51	LX-BZ0815FCZZ	AF	DS	N	C	Screw	THｼｬｯﾀｰﾚﾊﾞｰﾋﾞｽ
52	LX-BZ0555FCZZ	AB	DD		C	DV S fixing screw	DVS ﾄﾘﾂｹﾋﾞｽ
53	LHLDW1154FCZZ	AC	DJ		C	Wire holder (LWS5S2W)	Wｻﾄﾞﾙ
54	PFTA-0110FCZZ	AF	DS		D	Conector cover	ﾗﾃｲｽｺﾈｸﾀｰﾌﾀ
55	XBBSD30P08000	AA	DD		C	Screw (3 X 8)	ﾋﾞｽ
56	DHAi-2749FCZZ	AV	FG	N	C	SOT2 interface harness	SOT2ﾁｭｳｹｲﾊｰﾈｽ
57	DHAi-2698FCZZ	BV	RB	N	C	Main harness R (Japan···20A only)	ﾒｲﾝﾊｰﾈｽR(ｺｸﾅｲ..20ｱﾝﾍﾟｱ)
	DHAi-2698FC11	BV	RB	N	C	Main harness R (Japan···15A,Export)	ﾒｲﾝﾊｰﾈｽR
58	LPLTM5242FCZZ	AH	DX	N	C	Fixing plate	ﾗﾃｲｽﾄﾘﾂｹﾊﾞﾝ

10 後ﾌﾚｰﾑ2 (Rear frame 2)

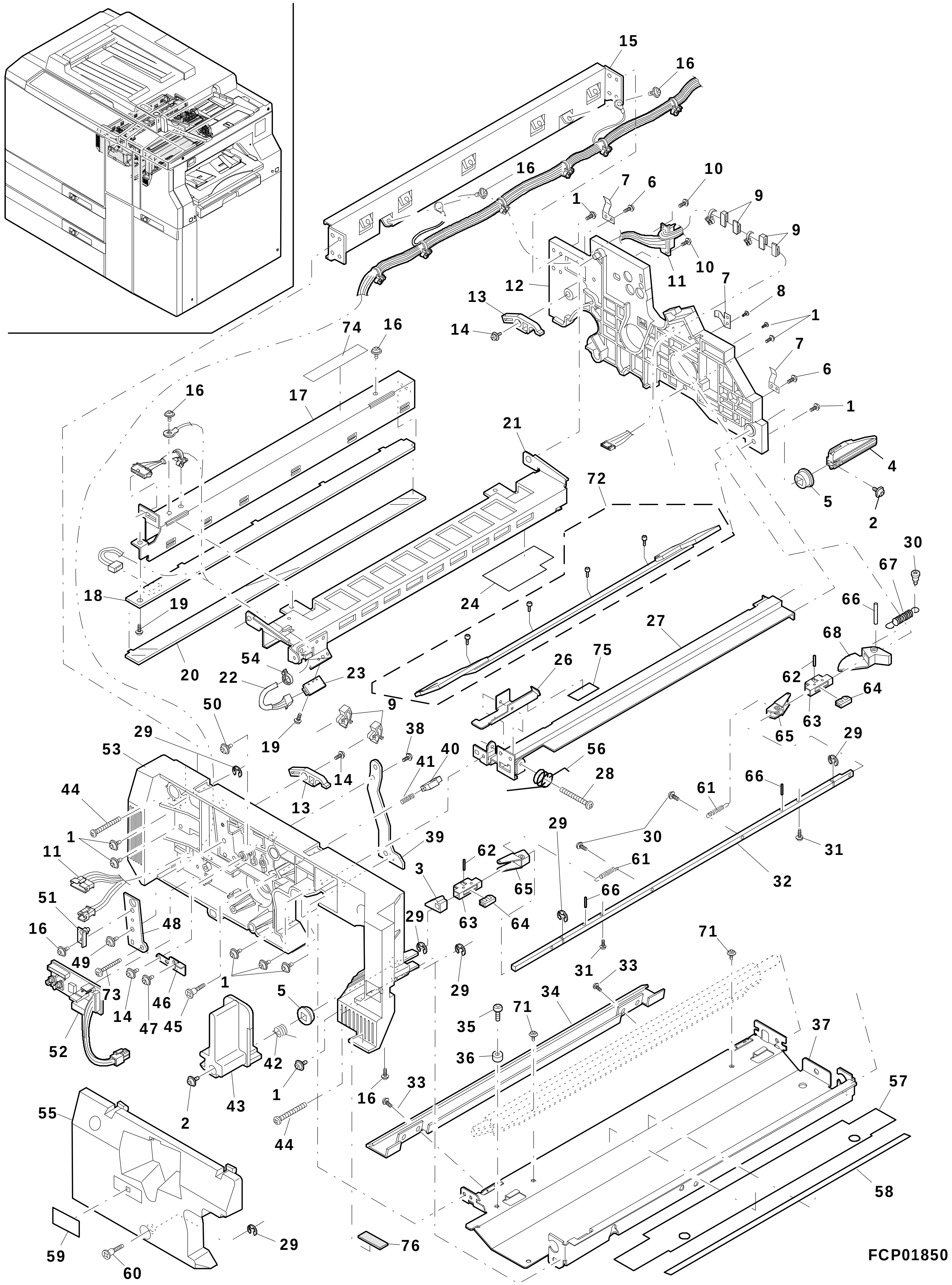

7
7
34
34
41
7
7
10
7
36
53
43
7
53
36
37
2
38
50
49
53
48
51
1
35
8
1
53
43
38
43
35
8
53
33
32
7
4
44
8
32
6
47
9
12
40
5
4
3
42
45
7
33
46
11
6
7
45
46
13
7
7
57
56
7
10
30
14
44
7
54
55
4
52
53
16
5
4
44
58
7
52
15
44
4
1
35
7
5
4
44
16
14
31
1
30
7
39
39
18
17
35
29
23
28
18
24
15
39
18
18
25
22
29
7
18
39
28
19
20
27
18
18
7
18
7
21
39
26

FCP01849

11 ﾌﾟﾛｾｽ部 (Process section)

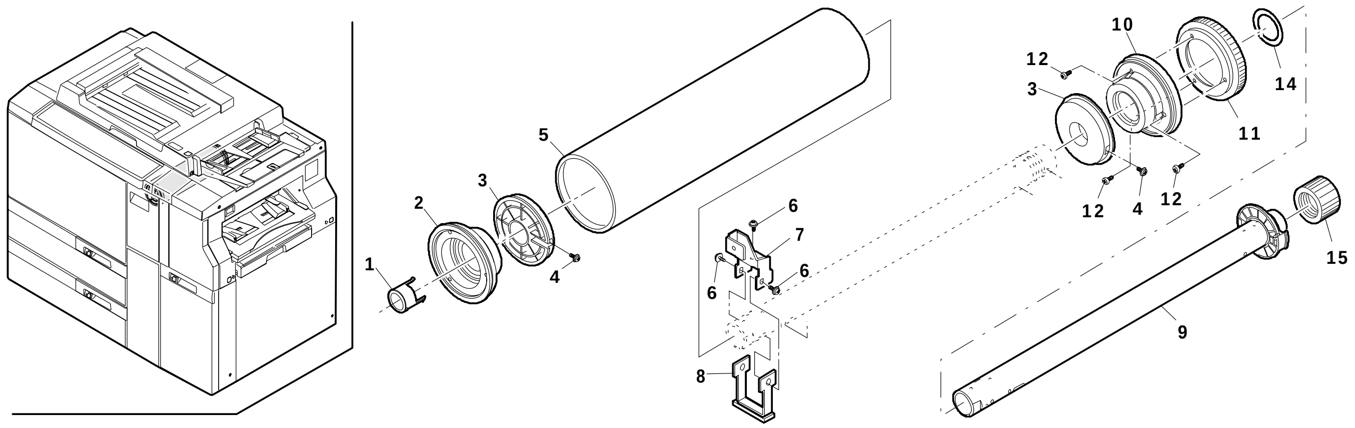
NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	LX-BZ0560FCZZ	AA	DD		C	Screw (4✕10)	ﾋﾞｽ
2	XBPSD30P08KS0	AA	DD		C	Screw (3✕8KS)	ﾋﾞｽ
3	NBRGP0472FCZZ	AC	DJ		B	DV pressure bearing	DVｱｯｾﾂｼﾞｸｳｹ
4	LANGT1392FCZZ	AH	DX	N	C	DV separator angle	DVﾘｾﾂｱﾝｸﾞﾙ
5	NBRGC0124FCZZ	AB	DD		B	Bearing	ｼﾞｸｳｹ
6	XBBSD40P12000	AA	DD		C	Screw (4✕12)	ﾋﾞｽ
7	MSPRP2110FCZZ	AC	DJ		C	Process earth spring	ﾌﾟﾛｾｽｱｰｽｽﾌﾟﾘﾝｸﾞ
8	XBBSD30P12000	AA	DD		C	Screw (3✕12)	ﾋﾞｽ
9	LHLDW1013FCZZ	AB	DD		C	Clamp holder (YMC-10)	ﾖｺｶﾞﾀｸﾗﾝﾌﾟﾎﾙﾀﾞｰ
10	XEPSD30P12000	AA	DD		C	Screw (3✕12)	ﾋﾞｽ
11	DHAi-2703FCZZ	BA	FX	N	C	Process harness	ﾌﾟﾛｾｽﾊｰﾈｽ
12	LFRM-0771FCZZ	AU	FG		C	Process frame R	ﾌﾟﾛｾｽﾌﾚｰﾑR
13	MARMP0158FCZZ	AD	DJ		C	Cleaner fixing arm	ｸﾘｰﾅｺﾃｲﾌｯｸｱｰﾑ
14	XEPSD40P10X00	AA	DD		C	Screw (4✕10X)	ﾋﾞｽ
15	LSTYM0200FCZZ	AQ	EQ		C	Process stay B	ﾌﾟﾛｾｽｽﾃｰB
16	LX-BZ0527FCZZ	AA	DD		C	Screw (4✕8)	ﾋﾞｽ
17	PREFL0146FCZZ	AS	EZ		C	Reflector	ﾚﾌﾚｸﾀｰ
18	CPWBF0982FC51	AZ	FX		E	DL PWB	DLｷﾊﾞﾝ
19	LX-BZ3006SC0M	AA	DD		C	Screw (3✕6)	ﾋﾞｽ
20	PFiLZ0198FCZZ	AF	DX		B	Protection filter	ﾎﾞｳｼﾞﾝﾌｨﾙﾀｰ
21	CRALM0113FC01	AV	FG		C	MC rail	MCﾚｰﾙ
22	DHAi-2156FCZZ	AL	EG		C	DMS interface harness	DMSﾁｭｳｹｲﾊｰﾈｽ
23	CPWBF0992FC51	AP	EQ		E	DR marking sensor PWB	DRﾏｰｷﾝｸﾞｾﾝｻｰｷﾊﾞﾝ
24	PSHEP3293FCZZ	AD	DJ		C	Insulator sheet PET	ｾﾞﾂｴﾝPETｼｰﾄ
26	LSTPF0288FCZ1	AK	DX		C	DV stopper	DVｽﾄｯﾊﾟｰ
27	LSTYM0201FCZZ	AP	EQ		C	Process stay E	ﾌﾟﾛｾｽｽﾃｰE
28	LX-BZ0382FCZZ	AA	DD		C	Screw	ｵﾋﾞｼﾞｮｳﾏｲﾗｰﾖｳ ﾋﾞｽ
29	XRESP50-06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
30	LX-BZ0241FCZZ	AA	DD		C	Screw (3✕4)	ﾋﾞｽ
31	XBPSD30P10000	AA	DD		C	Screw (3✕10)	ﾋﾞｽ
32	NSFTZ2404FCZZ	AX	FG	N	C	DV pressure shaft	DVｱｯｾﾂｼﾞｸ
33	XHPSD30P06000	AA	DD		C	Screw (3✕6)	ﾋﾞｽ
34	PGiDH1426FCZZ	AM	EG		C	Transfer front upper paper guide	ﾃﾝｼｬﾏｴｳｴﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ
35	LX-BZ0373FCZZ	AA	DD		C	Screw (M3)	ﾋﾞｽ
36	PSPAZ0608FCZZ	AB	DJ		C	DV spacer	DVｽﾍﾟｰｻｰ
37	LSTYM0199FCZ1	AV	FG	N	C	Process stay A	ﾌﾟﾛｾｽｽﾃｰA
38	XCSSD40P10000	AA	DD		C	Screw (4✕10)	ﾋﾞｽ
39	QEARP0061FCZZ	AE	DS		C	Process earth plate R	ﾌﾟﾛｾｽｱｰｽｲﾀR
40	LDAiU0208FCZZ	AD	DJ		C	BL adjust block	BL ﾁｮｳｾｲﾌﾞﾛｯｸ
41	MSPRC0949FCZZ	AA	DD		C	BL adjust spring	BL ﾁｮｳｾｲ ｽﾌﾟﾘﾝｸﾞ
42	MSPRC2566FCZZ	AD	DJ	N	C	DV pressure shaft spring	DVｱｯｾﾂｼﾞｸｽﾌﾟﾘﾝｸﾞ
43	MLEVP0620FCZ1	AK	DX	N	C	DV pressure lever	DVｱｯｾﾂﾚﾊﾞｰ
44	LX-BZ0656FCZZ	AD	DJ		C	Screw	ﾋﾞｽ
45	LX-BZ0280FCZZ	AC	DJ		C	Screw	ﾋﾞｽ
46	LHLDZ0988FCZZ	AE	DS		C	Height adjusting holder	ﾀｶｻﾁｮｳｾｲﾎﾙﾀﾞｰ
47	LX-BZ0335FCZZ	AA	DD		C	Screw (3✕6KS)(Red)	ﾋﾞｽ
48	QEARP0060FCZZ	AD	DJ		C	Process earth plate F	ﾌﾟﾛｾｽｱｰｽｲﾀF
49	XEBSD40P08000	AA	DD		C	Screw (4✕8)	ﾋﾞｽ
50	XBBS240P14000	AA	DD		C	Screw (2.4✕14)	ﾋﾞｽ
51	CPLTM3053FC03	AV	FG		C	SF boss fixing plate	SFﾎﾞｽﾄﾘﾂｹｲﾀ
52	CPWBF0991FC53	AY	FQ		E	Process control PWB (100V series)	ﾌﾟﾛｾｽｺﾝﾄﾛｰﾙｷﾊﾞﾝ
	CPWBF0991FC54	AY	FQ		E	Process control PWB (200V series)	ﾌﾟﾛｾｽｺﾝﾄﾛｰﾙｷﾊﾞﾝ
53	LFRM-0770FCZ2	BA	FX		C	Process frame F	ﾌﾟﾛｾｽﾌﾚｰﾑF
54	LBNDJ0013FCZZ	AA	DD		C	Wire band	ﾜｲﾔｰﾊﾞﾝﾄﾞ
55	PCŌVP1173FCZZ	AN	EQ		C	Process cover	ﾌﾟﾛｾｽｶﾊﾞｰ
56	MSPRC2165FCZZ	AC	DJ		C	DV stopper spring	DVｽﾄｯﾊﾟｰｽﾌﾟﾘﾝｸﾞ
57	PSEL-0578FCZZ	AE	DS		C	PTC seal B	PTCｼｰﾙB
58	PSHEP3437FCZZ	AB	DJ		C	Stay sheet	ｽﾃｰﾖｳﾏｲﾗ
59	TCAUH0819FCZZ	AA	DD		C	High voltage caution label (Japan only)	ｺｳｱﾂﾁｭｳｲﾗﾍﾞﾙ J
	TCAUH0974FCZZ	AB	DJ		C	High voltage caution label (U,Kingdom,Australia)	ｺｳｱﾂﾁｭｳｲﾗﾍﾞﾙ U
	TCAUH0821FCZZ	AA	DD		C	High voltage caution label (Other countries)	ｺｳｱﾂﾁｭｳｲﾗﾍﾞﾙ E4
60	LX-BZ0656FCZZ	AD	DJ		C	Screw	ﾋﾞｽ
61	MSPRC1286FCZZ	AC	DJ		C	Pressure spring	ｱｯｾﾂｽﾌﾟﾘﾝｸﾞ
62	XPSSJ20-14000	AA	DD		C	Spring pin (φ2-14)	ｽﾌﾟﾘﾝｸﾞﾋﾟﾝ
63	MHNG-0102FCZZ	AA	DD		C	Pressure hinge B	ｱｯｾﾂﾋﾝｼﾞ B
64	MHNG-0103FCZZ	AB	DD		C	Pressure hinge C	ｱｯｾﾂﾋﾝｼﾞ C
65	MHNG-0101FCZ1	AB	DD		C	Pressure hinge A	ｱｯｾﾂﾋﾝｼﾞ A
66	XPSSJ30-14000	AA	DD		C	Spring pin (φ3-14)	ｽﾌﾟﾘﾝｸﾞﾋﾟﾝ
67	MSPRC1385FCZZ	AA	DD		C	PS clutch spring	PSｸﾗｯﾁｽﾌﾟﾘﾝｸﾞ
68	LSTPP0337FCZZ	AG	DS	N	C	Pressure shaft rotation stopper	ｱｯｾﾂｼﾞｸｶｲﾃﾝｽﾄｯﾊﾟｰ
71	XBPS230P05KS0	AA	DD		C	Screw (2.3✕5KS)	ﾋﾞｽ
72	CPWBF0932FC56	BN	HZ	N	E	BL PWB	BLｷﾊﾞﾝ
73	LX-BZ0299FCZZ	AA	DD		C	Screw	ﾋﾞｽ
74	TLABH3453FCZZ	AB	DJ		C	Cleaner caution label (Japan only)	ｸﾘｰﾅｰUNﾁｭｳｲﾗﾍﾞﾙ J
	TLABH3454FCZZ	AB	DJ		C	Cleaner caution label (U.S.A.,U,Kingdom,Australia)	ｸﾘｰﾅｰUNﾁｭｳｲﾗﾍﾞﾙ U
	TLABH3455FCZZ	AC	DJ		C	Cleaner caution label (Other countries)	ｸﾘｰﾅｰUNﾁｭｳｲﾗﾍﾞﾙ E4
75	PSHEP4223FCZZ	AB	DJ	N	C	DV STP sheet	DV STP ｼｰﾄ
76	PGUMS0269FCZZ	AC	DJ	N	C	Lever stopper rubber	ﾚﾊﾞｰｽﾄｯﾊﾟｰｺﾞﾑ
	ﾕﾆｯﾄ (Unit)						
901	DUNT-6616FC16	BW	RR	N	E	Process unit (Japan,100V series)	ﾌﾟﾛｾｽﾕﾆｯﾄ100V
	DUNT-6616FC17	BX	RR	N	E	Process unit (200V series)	ﾌﾟﾛｾｽﾕﾆｯﾄ200V

11 ﾌﾟﾛｾｽ部 (Process section)



FCP01850

12 ﾄﾞﾗﾑﾌﾗﾝｼﾞ部 (Drum flange section)



FCP01851

12 ﾄﾞﾗﾑﾌﾗﾝｼﾞ部 (Drum flange section)

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION
1	LHLDZ0633FCZZ	AC	DD		C	Drum connector holder DR ｺﾈｸﾀｰﾎﾙﾀﾞｰ
2	CPFTF0066FC02	BA	GD		B	DR flange FB (Japan,Europe,Oceania,the Near and Middle East,Africa) DR ﾌﾗﾝｼﾞ FB
	CPFTF0066FC01	BA	GD		B	DR flange FA (North America,Central South America,Asia) DR ﾌﾗﾝｼﾞ FA
3	LPFTF0011FCZZ	AE	DS		C	DR heater flange F DR ﾋｰﾀｰﾌﾗﾝｼﾞ F
4	XBPSD40P08KS0	AA	DD		C	Screw (4 × 8KS) ﾋﾞｽ
⚠ 5	RHETN0059FCZZ	BH	HC		B	Drum heater (100V/110V) ﾄﾞﾗﾑﾋｰﾀ(100V)
⚠	RHETN0061FCZZ	BH	HC		B	Drum heater (120V/127V) ﾄﾞﾗﾑﾋｰﾀｰ(120V)
⚠	RHETN0063FCZZ	BH	HG		B	Drum heater (220V/240V) ﾄﾞﾗﾑﾋｰﾀｰ(220V)
6	LX-BZ0502FCZZ	AA	DD		C	Screw (4 × 6) ﾋﾞｽ
7	LPLTM4302FCZZ	AF	DX		C	Drum fixing plate ﾄﾞﾗﾑｺﾃｲﾊﾞﾝ
8	CPLTM3882FC02	AR	EZ		C	Drum brake plate N ﾄﾞﾗﾑﾌﾞﾚｰｷｲﾀ N
9	CPiPA0171FC01	BN	LP		C	Drum pipe ﾄﾞﾗﾑﾊﾟｲﾌﾟ
10	CPFTF0067FC02	AZ	FX		B	DR flange RB (Japan,Europe,Oceania,the Near and Middle East,Africa) DR ﾌﾗﾝｼﾞ RB
	CPFTF0067FC01	AZ	FX		B	DR flange RA (North America,Central South America,Asia) DR ﾌﾗﾝｼﾞ RA
11	NGERH0928FCZ1	AZ	FX		C	Drum gear (98T) ﾄﾞﾗﾑｷﾞﾔｰ98T
12	LX-BZ0712FCZZ	AA	DD		C	Screw (4 × 14KS) ﾋﾞｽ
14	LX-WZ0395FCZZ	AB	DD		C	Nut spacer ﾅｯﾄｽﾍﾟｰｻｰ
15	NRŌLR1015FCZZ	AM	EQ		C	Nut brake roller collar ﾅｯﾄﾌﾞﾚｰｷﾛｰﾗｰｶﾗｰ

13 定着部 (Fusing section)

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION
1	MLEVP0729FCZZ	AL	EB		C	Fusing lever FU ﾚﾊﾞｰ
2	XRESP50-06000	AA	DD		C	E type ring (5mm) E ﾘﾝｸﾞ
3	XBBSD30P16000	AA	DD		C	Screw (3 × 16) ﾋﾞｽ
4	QSW-M0503FCZZ	AK	DX	N	B	Microswitch (AM51612C531) ﾏｲｸﾛｽｲｯﾁ
5	LHLDZ1127FCZ2	AW	FG	N	C	Fusing lever holder FU ﾚﾊﾞｰﾎﾙﾀﾞｰ
6	PTME-0231FCZZ	AE	DS		C	Fusing lock pawl ﾃｲﾁｬｸﾛｯｸﾂﾒ
7	MSPRT1674FCZZ	AC	DD		C	Fusing lever spring FU ﾚﾊﾞｰﾌｯｷｽﾌﾟﾘﾝｸﾞ
8	NSFTZ2073FCZZ	AD	DJ		C	Fusing lock lever shaft FU ﾛｯｸﾚﾊﾞｰｼﾞｸ
9	LX-BZ0334FCZZ	AA	DD		C	Screw (4 × 8KS)(Blue) ﾋﾞｽ
10	CLEVF0614FC01	AM	EG		C	Pressure release lever F ｶｱﾂｶｲｼﾞｮﾚﾊﾞｰF
11	XRESP70-08000	AA	DD		C	E type ring (7mm) E ﾘﾝｸﾞ
12	LX-NZ0072FCZZ	AA	DD		C	Nut (Blue) ﾅｯﾄ
13	LBŌSZ1475FCZZ	AK	EB		C	Pressure release lever boss ｶｱﾂｶｲｼﾞｮﾚﾊﾞｰﾎﾞｽ
14	LX-BZ0620FCZZ	AE	DS		C	Adjusting bolt ｶｱﾂﾁｮｳｾｲﾎﾞﾙﾄ
15	MSPRT0935FCZZ	AC	DJ		C	Pressure spring ｶｱﾂｽﾌﾟﾘﾝｸﾞ
16	MLEVF0616FCZZ	AE	DS		C	Pressure lever ｶｱﾂﾚﾊﾞｰ
17	LBŌSZ1498FCZZ	AK	EB		C	Pressure lever boss ｶｱﾂﾚﾊﾞｰﾎﾞｽ
18	DHAi-2152FCZZ	AH	DX		C	HL interface harness (Japan···20A only) HL ﾁｭｳｹｲﾊｰﾈｽ
	DHAi-2153FCZZ	AL	EG		C	HL interface harness (Japan 15A,Export) HL ﾁｭｳｹｲﾊｰﾈｽ
19	LHLDW1152FCZZ	AC	DJ		C	Wire holder (EH-14) ﾜｲﾔｰﾎﾙﾀﾞｰ
20	LPLTM5295FCZZ	AE	DS	N	C	Upper CL plate F ｳｴCLｺﾃｲｲﾀF
21	LX-BZ0267FCZZ	AB	DD		C	Screw ﾌｳｺｳ ﾍﾝｺｳﾋﾞｽ
22	LPLTM4430FCZZ	AC	DJ		C	Paper guide position plate F PG ｲﾁｷﾒﾊﾞﾝF
23	LX-BZ0222FCZZ	AA	DD		C	Screw (4 × 4) ﾋﾞｽ
24	LX-BZ0527FCZZ	AA	DD		C	Screw (4 × 8) ﾋﾞｽ
25	PCLR-0390FCZZ	AA	DJ		C	FU pressure collar ﾃｲﾁｬｸｱｯﾁｬｸｶﾗｰ
26	LPLTM4399FCZZ	AM	EG		C	Upper CL roller fixing plate (Japan only) ｳｴCLﾛｰﾗｰﾄﾘﾂｹｲﾀ
27	MSPRT1230FCZZ	AC	DD		C	Lower CL pressure spring ｼﾀCLｶｱﾂｽﾌﾟﾘﾝｸﾞ
29	XBPSD30P06KS0	AA	DD		C	Screw (3 × 6KS) ﾋﾞｽ
30	LX-BZ0148FCZZ	AA	DD		C	Screw (4 × 10KS)(Green) ﾋﾞｽ

13 定着部 (Fusing section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
31	LHLDZ1125FCZZ	AE	DS		C	Heater lamp holder F	ﾋｰﾀｰﾗﾝﾌﾟﾎﾙﾀﾞｰF
32	XBPSD40P08KS0	AA	DD		C	Screw (4 × 8KS)	ﾋﾞｽ
33	TLABZ2085FCZZ	AB	DD		C	Heat roller turning label (Japan only)	ﾋｰﾄﾛｰﾗｰｶｲﾃﾝﾗﾍﾞﾙ
	TLABZ2086FCZZ	AB	DD		C	Heat roller turning label (Except Japan)	ﾋｰﾄﾛｰﾗｰｶｲﾃﾝﾗﾍﾞﾙ
34	JKNBP0045FCG1	AE	DS		C	Fusing knob B	ﾃｲﾁｬｸﾂﾏﾐ B
35	LSTPT0058FCZZ	AC	DD		C	HR stopper	HRｷｰ
36	LFiX-0233FCZ1	AB	DD		C	HR bearing fixing plate	HRｼﾞｸｳｹｵｻｴ
37	NBRGP0220FCZZ	AH	DX		B	Fushing drive bearing	HR ｸﾄﾞｳﾍﾞｱﾘﾝｸﾞ
38	CPLTM3404FC03	AG	DX		C	Fusing plate	FUﾌﾟﾚｰﾄ
39	RPLU-0287FCZZ	AS	EZ		B	Reversing solenoid	ﾊﾝﾃﾝｿﾚﾉｲﾄﾞ
40	NBRGP0555FCZZ	AG	DS		B	Bearing (ϕ8-22)	ﾍﾞｱﾘﾝｸﾞ
43	CFRM-0766FC03	AY	FQ		C	Fusing frame F	FUﾌﾚｰﾑF
45	XBBSD40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
46	LX-BZ0266FCZZ	AB	DD		C	Screw	ﾋﾞｽ
47	LX-BZ0319FCZZ	AC	DD		C	Screw (4 × 6)	ﾄﾗｽﾋﾞｽ
48	PCŌVP1171FCZZ	AZ	FX		C	Fusing cover	FUｶﾊﾞｰ
49	TCAUH1013FCZZ	AD	DJ		C	HT caution label (Japan only)	ｺｳｵﾝﾁｭｳｲﾗﾍﾞﾙ J
	TCAUH0991FCZZ	AE	DS		C	HT caution label (Australia,U,Kingdom)	ｺｳｵﾝﾁｭｳｲﾗﾍﾞﾙ U
	TCAUH0992FCZZ	AE	DS		C	HT caution label (Other countries)	ｺｳｵﾝﾁｭｳｲﾗﾍﾞﾙ E4A
50	NBRGP0478FCZZ	AK	EB		B	FU drive bearing	FUｸﾄﾞｳｼﾞｸｳｹ
51	PRNGP0073FCZZ	AE	DS		C	Stop ring	ｽﾄｯﾌﾟﾘﾝｸﾞ
52	PGiDM1443FCZZ	AW	FG		C	Reversing gate	ﾊﾝﾃﾝｹﾞｰﾄ
53	PSHEP3454FCZZ	AE	DS		C	Earth sheet (Japan only)	ｱｰｽｼｰﾄ
54	TCAUH0992FCZZ	AE	DS		C	HT caution label (120V only)	ｺｳｵﾝﾁｭｳｲﾗﾍﾞﾙE4
55	TLABZ3412FCZZ	AB	DJ		C	Number label F	NOﾗﾍﾞﾙF
56	MSPRT2048FCZZ	AC	DJ		C	Fusing paper guide pressure spring	ﾃｲﾁｬｸPGｱｯｾﾂｽﾌﾟﾘﾝｸﾞ
57	TLABZ3457FCZZ	AB	DJ		C	Label	ﾊﾝﾃﾝP-G/Bﾗﾍﾞﾙ
58	PGiDH1421FCZ1	AR	EQ		C	Reversing paper guide B	ﾊﾝﾃﾝﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ B
59	PGiDH1420FCZZ	AK	EB		C	Reversing paper guide A	ﾊﾝﾃﾝﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ A
60	NRŌLR0954FCZZ	AT	EZ		C	Fusing transport roller	FUﾊﾝｿｳﾛｰﾗｰ
61	PGiDH1419FCZZ	AR	EZ		C	Paper guide FC	ﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ FC
62	MSPRC2553FCZZ	AD	DJ	N	C	Lower pawl spring	ｼﾀﾂﾒｽﾌﾟﾘﾝｸﾞ
63	PTME-0174FCZ1	AG	DS		S	Lower separator pawl	ｼﾀﾊｸﾘﾂﾒ
64	NBRGZ0503FCZZ	AC	DJ		B	Bearing (B-F5-13)	ﾍﾞｱﾘﾝｸﾞ
65	CRŌLM0975FC01	AU	FG		C	Reversing roller A	ﾊﾝﾃﾝﾛｰﾗｰA
66	NSFTZ1917FCZ1	AM	EG		C	Belt tension shaft	ﾍﾞﾙﾄﾃﾝｼｮﾝｼﾞｸ
67	NBLTH0199FCZZ	AG	DX		B	Reversing belt	ﾊﾝﾃﾝﾍﾞﾙﾄ
68	LPiNS0155FCZZ	AA	DD		C	Pin (ϕ3-10)	ﾍｲｺｳﾋﾟﾝ
69	NRŌLP0487FCZZ	AB	DD		C	Suction drive roller	ｻｸｼｮﾝｸﾄﾞｳﾛｰﾗｰ
70	NSFTZ1915FCZZ	AR	EQ		C	Reversing roller shaft A	ﾊﾝﾃﾝﾛｰﾗｰｼﾞｸA
71	LX-BZ3004SC0M	AA	DD		C	Screw (3 × 4)	ﾋﾞｽ
72	LPLTM4290FCZZ	AE	DS		C	MS3 fixing plate	MS3ﾄﾘﾂｹﾊﾞﾝ
73	QSW-Z0419FCZZ	AM	EG		B	Detect sensor N	ｹﾝﾁｾﾝｻｰN
74	LHLDW7003XCZZ	AB	DD		C	Clamp holder (YMC-15)	ﾖｺｶﾞﾀｸﾗﾝﾌﾟﾎﾙﾀﾞｰ
75	PWET-0025FCZ1	AN	EQ		C	PG weight	PGｳｴｲﾄ
76	PBRSR0063FCZZ	AE	DS		B	Discharge brush	ﾛｰﾗｰｼﾞｮﾃﾞﾝﾌﾞﾗｼ
77	PGiDH1418FCZ2	AT	EZ	N	C	Paper guide FB	ﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ FB
78	PTME-0226FCZZ	AQ	EQ		S	Fusing separator pawl upper	ﾃｲﾁｬｸﾊｸﾘﾂﾞﾒ ｳｴ
79	MSPRC2097FCZ1	AB	DJ		C	Upper pawl spring	ｳｴﾂﾒｽﾌﾟﾘﾝｸﾞ
80	NSFTZ1913FCZZ	AK	EB		C	Fusing roller shaft	FUｼﾞｭｳﾄﾞｳﾛｰﾗｰｼﾞｸ
81	NBRGP0557FCZZ	AF	DS		B	Bearing (ϕ6-19)	ｼﾞｸｳｹ
82	MSPRC2098FCZZ	AB	DJ		C	Fusing transport roller spring	FUﾊﾝｿｳﾛｰﾗｰｽﾌﾟﾘﾝｸﾞ
83	NSFTZ1912FCZZ	AR	EQ		C	Fusing drive shaft	FUｸﾄﾞｳｼﾞｸ
84	XHBSD30P05000	AA	DD		C	Screw (3 × 5)	ﾋﾞｽ
85	LPLTM5251FCZ1	AF	DS	N	C	PG assistant plate	PGﾎｼﾞｮｲﾀ
86	MSPRT2174FCZZ	AC	DJ		C	Sub CL pressure spring (Japan only)	ﾎｼﾞｮCLｶｱﾂｽﾌﾟﾘﾝｸﾞ
87	XBPSD30P05KS0	AA	DD		C	Screw (3 × 5KS)	ﾋﾞｽ
88	MSPRP2159FCZZ	AC	DJ		C	Fusing switch spring	ﾃｲﾁｬｸｽｲｯﾁﾖｳﾊﾞﾈ
89	LPLTM4407FCZZ	AE	DS		C	Bracket assistance plate	ﾌﾞﾗｹｯﾄﾎｼﾞｮﾊﾞﾝ
90	LX-BZ0618FCZZ	AA	DD		C	Screw (4 × 4)	ﾋﾞｽ
91	LX-WZ0390FCZZ	AB	DD		C	Washer	ﾜｯｼｬ
92	LX-BZ0489FCZZ	AB	DD		C	Mirror base fixing screw	MBｺﾃｲﾋﾞｽ
94	XRESP40-06000	AA	DD		C	E type ring (4mm)	Eﾘﾝｸﾞ
95	LHLDW0323FCZZ	AE	DJ		C	Wire holder (WCT-34)	ﾜｲﾔｰﾎﾙﾀﾞｰ
96	LX-WZ0048FCZZ	AA	DD		C	Washer	ﾅｲﾛﾝﾜｯｼｬ
97	LX-WZ0256FCZZ	AA	DD		C	Washer (ϕ8)	ﾎﾟﾘｽﾗｲﾀﾞｰ 8
98	PCLR-0391FCZZ	AA	DJ		C	Holder fixing collar (Except Japan···100V series)	ﾎﾙﾀﾞｰｺﾃｲﾖｳｶﾗｰ
101	RTHM-0014FCZZ	AM	EG		B	Thermostat (Japan only)	ｻｰﾓｽﾀｯﾄ
	RTHM-0009FCZZ	AK	EB		B	Thermostat (Except Japan)	ｻｰﾓｽﾀｯﾄ
102	RDTCT0131FCZZ	AV	FG	N	B	Thermistor	ｻｰﾐｽﾀｰ
103	LHLDW1156FCZZ	AE	DS		C	Wire holder	ﾜｲﾔｰﾎﾙﾀﾞｰ
105	LPLTM4289FCZZ	AR	EQ		C	Thermistor fixing plate	ｻｰﾐｽﾀｰﾄﾘﾂｹｲﾀ
106	PGiDH1704FCZZ	AU	EZ	N	C	FU front paper guide lower	FUﾏｴﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｼﾀ
108	XBPSD40P06KS0	AA	DD		C	Screw (4 × 6KS)	ﾋﾞｽ
109	LSTYM0203FCZZ	AP	EQ		C	Fusing stay AL	FUｽﾃｰAL
110	LSTYM0197FCZZ	AN	EQ		C	Fusing stay A	FUｽﾃｰA
111	PRNGP0039FCZZ	AD	DJ		C	C ring 35	Cﾘﾝｸﾞ 35
112	NBRGY0479FCZ1	BA	FX	N	B	Upper heat roller bearing	ｳｴﾋｰﾄﾛｰﾗｰﾍﾞｱﾘﾝｸﾞ
113	LBSHC0334FCZZ	AT	EZ		C	Busing	ﾀﾞﾝﾈﾂ ﾌﾞｯｼﾝｸﾞ
114	NRŌLT1183FCZZ	BW	RR	N	C	Upper heat roller	ｳｴﾋｰﾄﾛｰﾗｰ

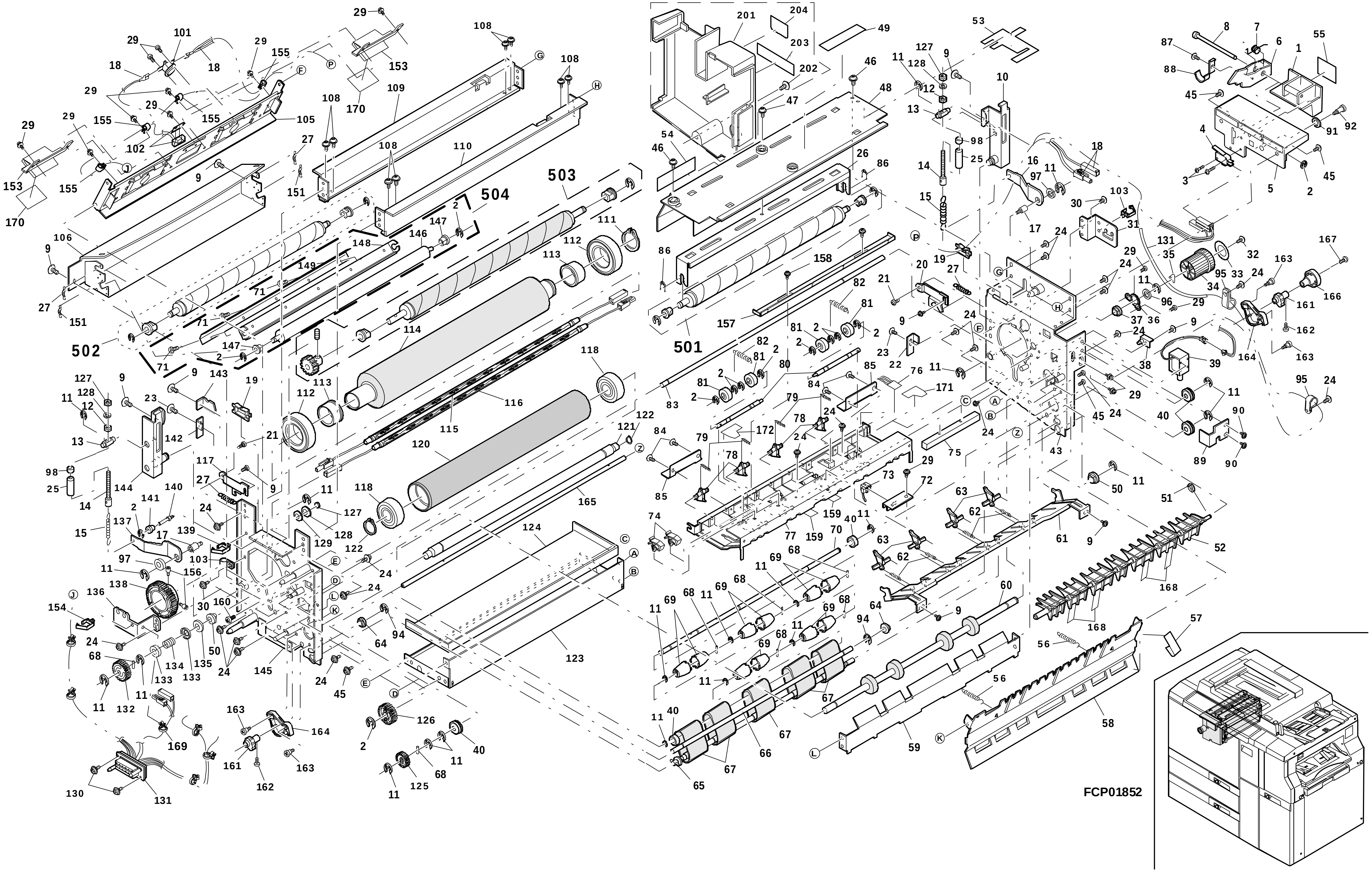
13 定着部 (Fusing section)

	NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
			Ex.	Ja.				
⚠	115	RLMPU0591FCZZ	BB	GD	N	B	Heater lamp 1 (100V)(Japan only 15A)	ﾋｰﾀｰﾗﾝﾌﾟ1(ｺｸﾅｲ15ｱﾝﾍﾟｱﾖｳ)
⚠		RLMPU0585FCZZ	BB	GD	N	B	Heater lamp 1 (100V)(Japan only 20A)	ﾋｰﾀｰﾗﾝﾌﾟ1(ｺｸﾅｲ20ｱﾝﾍﾟｱﾖｳ)
⚠		RLMPU0586FCZZ	BB	GD	N	B	Heater lamp 1 (110V)	ﾋｰﾀｰﾗﾝﾌﾟ 1
⚠		RLMPU0587FCZZ	BB	GD	N	B	Heater lamp 1 (120V)	ﾋｰﾀｰﾗﾝﾌﾟ 1
⚠		RLMPU0588FCZZ	BB	GD	N	B	Heater lamp 1 (127V)	ﾋｰﾀｰﾗﾝﾌﾟ 1
⚠		RLMPU0589FCZZ	BB	GD	N	B	Heater lamp 1 (220V)	ﾋｰﾀｰﾗﾝﾌﾟ 1
⚠		RLMPU0590FCZZ	BB	GD	N	B	Heater lamp 1 (240V)	ﾋｰﾀｰﾗﾝﾌﾟ 1
⚠	116	RLMPU0598FCZZ	BA	FX	N	B	Heater lamp 2 (100V)(Japan only 15A)	ﾋｰﾀｰﾗﾝﾌﾟ2(ｺｸﾅｲ15ｱﾝﾍﾟｱﾖｳ)
⚠		RLMPU0592FCZZ	BA	FX	N	B	Heater lamp 2 (100V)(Japan only 20A)	ﾋｰﾀｰﾗﾝﾌﾟ2(ｺｸﾅｲ20ｱﾝﾍﾟｱﾖｳ)
⚠		RLMPU0593FCZZ	BA	FX	N	B	Heater lamp 2 (110V)	ﾋｰﾀｰﾗﾝﾌﾟ 2
⚠		RLMPU0594FCZZ	BA	FX	N	B	Heater lamp 2 (120V)	ﾋｰﾀｰﾗﾝﾌﾟ 2
⚠		RLMPU0595FCZZ	BA	FX	N	B	Heater lamp 2 (127V)	ﾋｰﾀｰﾗﾝﾌﾟ 2
⚠		RLMPU0596FCZZ	BA	FX	N	B	Heater lamp 2 (220V)	ﾋｰﾀｰﾗﾝﾌﾟ 2
⚠		RLMPU0597FCZZ	BA	FX	N	B	Heater lamp 2 (240V)	ﾋｰﾀｰﾗﾝﾌﾟ 2
	117	LPLTM5296FCZZ	AE	DS	N	C	Upper CL plate R	ｳｴCLｺﾃｲｲﾀR
	118	NBRGY0487FCZZ	AN	EQ		B	Lower heat roller bearing	ｼﾀﾋｰﾄﾛｰﾗｰﾍﾞｱﾘﾝｸﾞ
	120	NRŌLi0993FCZZ	BT	NN		C	Lower heat roller (Japan only)	ｼﾀﾋｰﾄﾛｰﾗｰ
		NRŌLi0993FCZ1	BT	NN		C	Lower heat roller (Export)	ｼﾀﾋｰﾄﾛｰﾗｰ
	121	NSFTZ1911FCZZ	AN	EQ		C	Lower heat roller shaft	ｼﾀﾋｰﾄﾛｰﾗｰｼﾞｸ
	122	PRNGP0066FCZZ	AB	DD		C	C type ring	Cﾘﾝｸﾞ
	123	LSTYM0198FCZ1	AV	FG		C	Fusing stay B	FUｽﾃｰB
	124	PSHEP3413FCZZ	AT	FG		C	FU sheet	FUｶｲｼｭｳｼｰﾄ
	125	NGERH0141FCZZ	AC	DD		C	Stirring gear L	ｶｸﾊﾝﾖｳｷﾞﾔｰ L
	126	CGERH0300FC01	AL	EG		C	Fusing gear (35T)	FUｷﾞﾔｰ35T
	127	XNESD40-32000	AA	DD		C	Nut	ﾅｯﾄ
	128	XWSSD40-10000	AA	DD		C	Washer	ﾜｯｼｬ
	129	XWHSD40-08100	AA	DD		C	Washer	ﾜｯｼｬ
	130	XBPSF40P12KS0	AA	DD		C	Screw (4 × 12KS)	ﾋﾞｽ
	131	DHAi-2702FCZZ	BD	GN	N	C	Fusing harness (Japan···20A only)	ﾃｲﾁｬｸﾊｰﾈｽ
		DHAi-2702FC11	BD	GN	N	C	Fusing harness (Japan 15A,Export)	ﾃｲﾁｬｸﾊｰﾈｽ
	132	NGERH0993FCZZ	AK	EB		C	Fusing gear (35T)	ﾋｰﾄﾛｰﾗｰｷﾞﾔｰ
	133	LFiX-0235FCZZ	AC	DD		C	Spring fixing plate	ｽﾌﾟﾘﾝｸﾞｵｻｴ
	134	MSPRC0936FCZZ	AB	DD		C	Cup link gear spring	ｶｯﾌﾟﾘﾝｸｷﾞﾔ ｽﾌﾟﾘﾝｸﾞ
	135	PSPAZ0216FCZZ	AA	DD		C	Spacer	ｽﾍﾟｰｻｰ
	136	LHLDZ1126FCZZ	AE	DS		C	Heater lamp holder R	ﾋｰﾀｰﾗﾝﾌﾟﾎﾙﾀﾞｰR
	137	MLEVF0633FCZZ	AF	DS		C	Pressure lever R	ｶｱﾂﾚﾊﾞｰR
	138	NGERH1107FCZZ	AX	FG		C	Heat roller gear (36T)	ﾋｰﾄﾛｰﾗｰｷﾞﾔｰ
	139	LHLDW1152FCZZ	AC	DJ		C	Wire holder (EH-14)	ﾜｲﾔｰﾎﾙﾀﾞｰ
	140	NSFTZ1914FCZZ	AK	EB		C	Upper CL idle shaft N	ｳｴCLｱｲﾄﾞﾙｼﾞｸN
	141	NGERH0946FCZ1	AS	EZ		C	Upper CL gear (35-20T)	ｳｴCLｷﾞﾔｰ35T-20T
	142	LPLTM4431FCZZ	AC	DJ		C	Paper guide position plate R	PGｲﾁｷﾒﾊﾞﾝR
	143	LFiX-0450FCZZ	AD	DJ		C	Bearing fixing plate	ﾍﾞｱﾘﾝｸｵｻｴｲﾀ
	144	CLEVF0615FC01	AM	EG		C	Pressure release lever R	ｶｱﾂｶｲｼﾞｮﾚﾊﾞｰR
	145	CFRM-0767FC03	AY	FQ		C	Fusing frame R	FUﾌﾚｰﾑR
	146	NRŌLR0994FCZ1	BH	GX		C	Assistance CL roller	ﾎｼﾞｮCLﾛｰﾗｰ
	147	NBRGP0228FCZZ	AG	DS		B	CL roller bearing	CLﾛｰﾗｰﾍﾞｱﾘﾝｸﾞ
	148	CFLT-0058FC01	AW	FG	N	C	Sub CL felt	ﾎｼﾞｮCLﾌｪﾙﾄ
	149	LPLTM5306FCZZ	AH	DX	N	C	Sub CL scraper	ﾎｼﾞｮCLｽｸﾚｰﾊﾟｰ
	151	MSPRC2577FCZZ	AD	DJ	N	C	Roller spring	ｼﾌﾝﾄﾘﾛｰﾗｰｽﾌﾟﾘﾝｸﾞ
	153	PGiDH1482FCZZ	AK	EB		C	Fusing front guide	ﾃｲﾁｬｸﾏｴｶﾞｲﾄﾞ
	154	LHLDW1155FCZZ	AC	DJ		C	Wire holder (LWS3S2W)(Japan···20A only)	Wｻﾄﾞﾙ
		LHLDW1154FCZZ	AC	DJ		C	Wire holder (LWS5S2W)(Japan 15A,Export)	Wｻﾄﾞﾙ
	155	LHLDW0910FCZZ	AB	DD		C	Pressure clamp	ﾀｲﾈﾂｸﾗﾝﾌﾟ
	156	XBPSD40P09K00	AA	DD		C	Screw (4 × 9K)	ﾋﾞｽ
	157	LPLTM5227FCZZ	AH	DX	N	C	Upper pawl spring fixing plate	ｳｴﾂﾒｽﾌﾟﾘﾝｸﾞﾄﾘﾂｹｲﾀ
	158	LX-BZ0488FCZZ	AA	DD		C	Screw (3 × 6)(Blue)	ﾋﾞｽ
	159	PSHEP4260FCZZ	AD	DJ		C	Transport sub sheet	ﾊﾝｿｳﾎｼﾞｮｼｰﾄ
	160	XBPBW40P05K00	AC	DD		C	Screw (4 × 5K)	ﾋﾞｽ
	161	MCAMP0095FCZZ	AE	DJ	N	C	Curl adjusting cam	ｶｰﾙﾁｮｳｾｲｶﾑ
	162	XBBSD30P06000	AA	DD		C	Screw (3 × 6)	ﾋﾞｽ
	163	LX-BZ0669FCZZ	AC	DD		C	Screw	ﾋﾞｽ
	164	PGiDM1668FCZZ	AE	DS	N	C	Curl adjusting guide	ｶｰﾙﾁｮｳｾｲｶﾞｲﾄﾞ
	165	NSFTZ2295FCZZ	AU	EZ	N	C	Curl adjusting guide shaft	ｶｰﾙﾁｮｳｾｲｶﾞｲﾄﾞｼﾞｸ
	166	HDALP0012FCZZ	AE	DJ	N	D	Carl adjusting dial	ｶｰﾙﾁｮｳｾｲﾀﾞｲｱﾙ
	167	LX-BZ0711FCZZ	AA	DD		C	Screw (3 × 8)	ﾋﾞｽ
	168	PSHEP4052FCZZ	AD	DJ		C	Fusing gate sheet	ﾃｲﾁｬｸｹﾞｰﾄｼｰﾄ
	169	LBNDJ0026FCZZ	AA	DD		C	Wire band (T-18R)	ﾜｲﾔｰﾊﾞﾝﾄﾞ
	170	PSHEP4127FCZZ	AF	DS		C	Fusing front sheet	ﾃｲﾁｬｸﾏｴｼｰﾄ
	171	PSHEP4350FCZZ	AD	DJ	N	C	Fusing rear sheet F	ﾃｲﾁｬｸｳｼﾛｼｰﾄF
	172	PSHEP4351FCZZ	AD	DJ	N	C	Fusing rear sheet R	ﾃｲﾁｬｸｳｼﾛｼｰﾄR
	201	PCŌVP1172FCZ1	AZ	FQ	N	C	Fusing front cover	FUﾏｴｶﾊﾞｰ
	202	XBTSF40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
	203	TCAUH1013FCZZ	AD	DJ		C	HT caution label (Japan only)	ｺｳｵﾝﾁｭｳｲﾗﾍﾞﾙ J
		TCAUH0879FCZZ	AC	DD		C	HT caution label (Australia,U,Kingdom)	ｺｳｵﾝﾁｭｳｲﾗﾍﾞﾙ U
		TCAUH0931FCZZ	AB	DD		C	HT caution label (Other countries)	ｺｳｵﾝﾁｭｳｲﾗﾍﾞﾙ E4A
	204	TLABZ3413FCZZ	AB	DJ		C	Number label G	NOﾗﾍﾞﾙG
	501	CRŌLN1182FC31	BL	HG	N	E	Upper assistance roller unit (Japan only)	ｳｴﾎｼﾞｮCLﾛｰﾗｰﾕﾆｯﾄ
	502	CRŌLN0973FC31	BC	GN		E	Lower CL roller unit	ｼﾀCLﾛｰﾗｰﾕﾆｯﾄ
	503	CRŌLN1181FC31	BL	HL	N	E	Upper CL roller unit	ｳｴCLﾛｰﾗｰﾕﾆｯﾄ
	504	CRŌLR0994FC34	BN	HZ	N	E	Lower assistance CL roller unit	ｼﾀﾎｼﾞｮCLﾛｰﾗｰﾕﾆｯﾄ

13 定着部 (Fusing section)

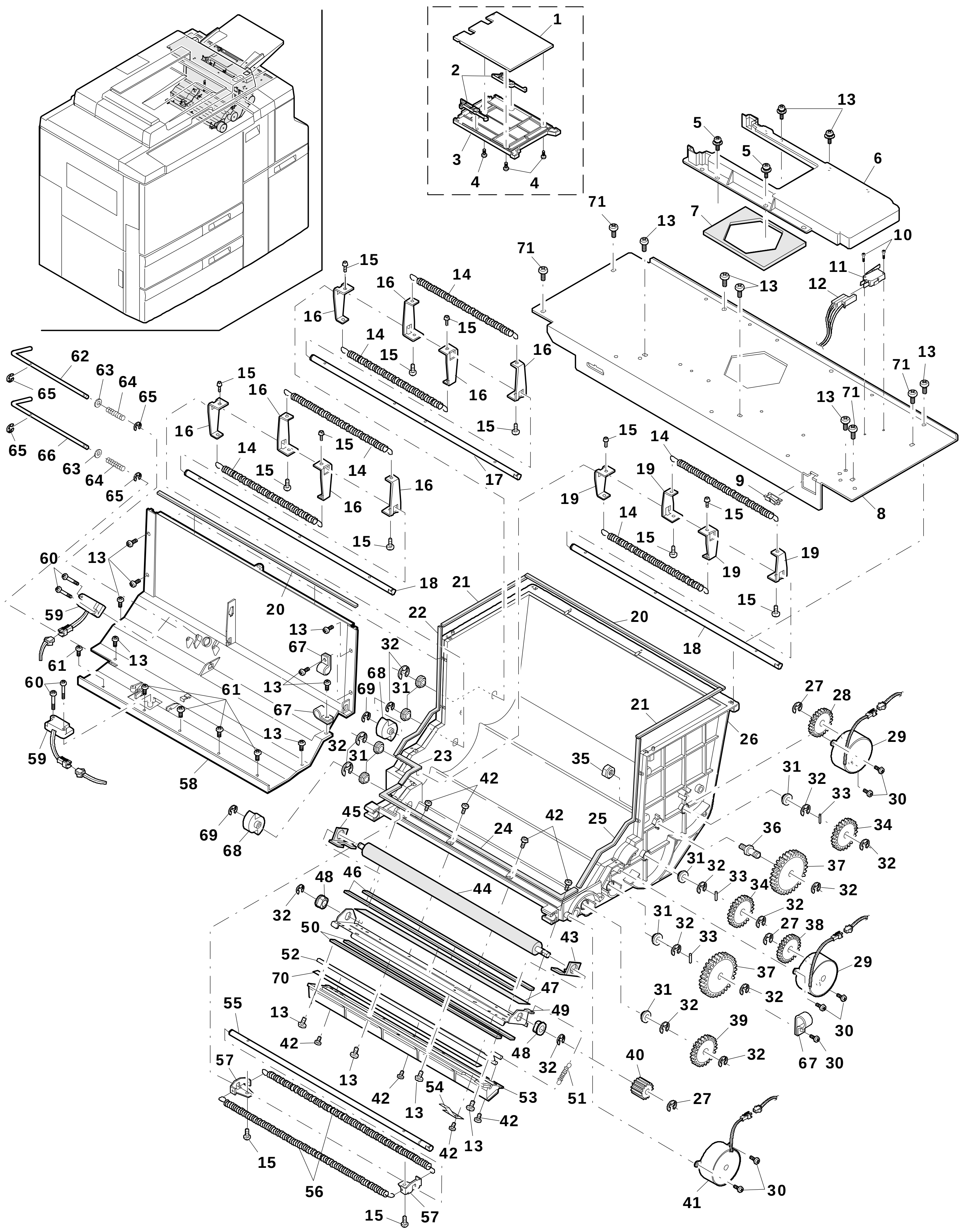
	NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION	
		ﾕﾆｯﾄ (Unit)						
⚠	901	DUNTW6859FCZZ	CW	VZ	N	E	Fusing unit (100V)(Japan only···15A)	ﾃｲﾁｬｸﾕﾆｯﾄ(ｺｸﾅｲ15ｱﾝﾍﾟｱﾖｳ)
⚠		DUNTW6859FC11	CW	VZ	N	E	Fusing unit (100V)(Japan only···20A)	ﾃｲﾁｬｸﾕﾆｯﾄ(ｺｸﾅｲ20ｱﾝﾍﾟｱﾖｳ)
⚠		DUNTW6859FC12	CW	VZ	N	E	Fusing unit (110V)	ﾃｲﾁｬｸﾕﾆｯﾄ
⚠		DUNTW6859FC13	CW	VZ	N	E	Fusing unit (120V)	ﾃｲﾁｬｸﾕﾆｯﾄ
⚠		DUNTW6859FC14	CW	VZ	N	E	Fusing unit (127V)	ﾃｲﾁｬｸﾕﾆｯﾄ
⚠		DUNTW6859FC15	CW	VZ	N	E	Fusing unit (220V)	ﾃｲﾁｬｸﾕﾆｯﾄ
⚠		DUNTW6859FC16	CW	VZ	N	E	Fusing unit (240V···Australia,U,Kingdom)	ﾃｲﾁｬｸﾕﾆｯﾄ
⚠		DUNTW6859FC17	CW	VZ	N	E	Fusing unit (240V···Other countries)	ﾃｲﾁｬｸﾕﾆｯﾄ

13 定着部 (Fusing section)



FCP01852

14 ﾄﾅｰﾎﾞｯｸｽ部 (Toner box section)



FCP01853

14 ﾄﾅｰﾎﾞｯｸｽ部 (Toner box section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	LDAiU0466FCZ3	AH	DX	N	C	Shutter base B upper (Japan,Europe,Oceania,the Near and Middle East,Africa)	ｼｬｯﾀｰﾍﾞｰｽｳｴ ｽｹ B
	LDAiU0466FCZ2	AH	DX	N	C	Shutter base A upper (North America,Central South America,Asia)	ｼｬｯﾀｰﾍﾞｰｽｳｴ ｽｹ A
2	LSTPP0293FCZZ	AC	DJ		C	Stopper	ｽﾄｯﾊﾟｰ
3	LDAiU0467FCZZ	AG	DX		C	C shutter base lower	Cｼｬｯﾀｰﾍﾞｰｽｼﾀ
4	LX-BZ0707FCZZ	AA	DD		C	Screw (M3)	ﾋﾞｽ
5	LX-BZ0560FCZZ	AA	DD		C	Screw (4 × 10)	ﾋﾞｽ
6	PGiDM1445FCZZ	AP	EQ		C	Cartridge guide	ｶｰﾄﾘｯｼﾞｶﾞｲﾄﾞ
7	PMLT-0933FCZZ	AG	DX		C	Toner supply cushion	ﾄﾅｰﾎｷｭｳｸﾞﾁﾓﾙﾄ
8	LDAiU0547FCZZ	AY	FQ	N	C	Hopper base plate	ﾎｯﾊﾟｰﾀﾞｲﾊﾞﾝ
9	LHLDW1263FCZZ	AC	DJ		C	Wire holder (EDS0607M)	ﾜｲﾔｰｻﾄﾞﾙ
10	XBPSD30P14000	AA	DD		C	Screw (3 × 14)	ﾋﾞｽ
11	QSW-M0502FCZZ	AH	DX	N	B	Door switch (AM51632C531)	ﾄﾞｱｰｽｲｯﾁ
12	DHAi-2695FCZZ	AV	FG	N	C	Toner hopper harness	ﾄﾅｰﾎｯﾊﾟｰﾊｰﾈｽ
13	XEBSD40P10000	AA	DD		C	Screw (4 × 10)	ﾋﾞｽ
14	MSPRC2564FCZZ	AC	DJ	N	C	Toner spring B	ﾄﾅｰｽﾌﾟﾘﾝｸﾞ B
15	XBPSD30P06K00	AA	DD		C	Screw (3 × 6K)	ﾋﾞｽ
16	LANGT1306FCZ1	AE	DS		C	Toner stirring spring angle A	ﾄﾅｰｶｸﾊﾝｽﾌﾟﾘﾝｸﾞｱﾝｸﾞﾙA
17	NSFTZ2410FCZZ	AQ	EQ	N	C	Toner transport shaft C	ﾄﾅｰﾊﾝｿｳｼﾞｸC
18	NSFTZ2297FCZZ	AQ	EQ	N	C	Toner transport shaft B	ﾄﾅｰﾊﾝｿｳｼﾞｸB
19	LANGT1389FCZZ	AD	DJ	N	C	Toner stirring spring angle	ﾄﾅｰｶｸﾊﾝｽﾌﾟﾘﾝｸﾞｱﾝｸﾞﾙ
20	PMLT-1106FCZZ	AD	DJ	N	C	Housing cushion A	ﾊｳｼﾞﾝｸﾞﾓﾙﾄA
21	PMLT-1107FCZZ	AC	DJ	N	C	Housing cushion B	ﾊｳｼﾞﾝｸﾞﾓﾙﾄB
22	PMLT-1108FCZZ	AD	DJ	N	C	Housing cushion C	ﾊｳｼﾞﾝｸﾞﾓﾙﾄC
23	PMLT-1109FCZZ	AD	DJ	N	C	Housing cushion D	ﾊｳｼﾞﾝｸﾞﾓﾙﾄD
24	PMLT-1111FCZZ	AD	DJ	N	C	Housing cushion F	ﾊｳｼﾞﾝｸﾞﾓﾙﾄF
25	PMLT-1110FCZZ	AD	DJ	N	C	Housing cushion E	ﾊｳｼﾞﾝｸﾞﾓﾙﾄE
26	PBŌX-0111FCZZ	BA	FX	N	D	Toner hopper	ﾄﾅｰﾎｯﾊﾟｰ
27	XRESP40-06000	AA	DD		C	E type ring (4mm)	Eﾘﾝｸﾞ
28	NGERH0194FCZZ	AB	DD		C	LB drive gear (22T)	LBｸﾄﾞｳｷﾞﾔｰ
29	RMŌTE0812FCZZ	AZ	FQ	N	B	Toner motor	ﾄﾅｰﾓｰﾀｰ
30	XEBSD30P08000	AA	DD		C	Screw (3 × 8)	ﾋﾞｽ
31	NBRGP0299FCZZ	AC	DJ		B	DV bearing	DVｼﾞｸｳｹ
32	XRESP50-06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
33	LPiNS0133FCZZ	AA	DD		C	Pin (φ2-10)	ﾍｲｺｳﾋﾟﾝ
34	NGERH0792FCZZ	AE	DS		C	Return gear (40T)	ﾘﾀｰﾝｷﾞﾔｰ
35	XNESD40-32000	AA	DD		C	Nut	ﾅｯﾄ
36	NSFTZ2388FCZZ	AK	DX	N	C	Hopper idle shaft	ﾎｯﾊﾟｰｱｲﾄﾞﾙｼﾞｸ
37	NGERH1178FCZZ	AF	DS	N	C	Gear (50T)	ｷﾞﾔｰ
38	NGERH1179FCZZ	AE	DS	N	C	Gear (34-22T)	ｷﾞﾔｰ
39	NGERH0623FCZZ	AB	DD		C	Stirring gear (31T)	ｶｸﾊﾝｷﾞﾔｰ
40	NGERH0698FCZZ	AD	DJ		C	Toner motor gear (16T)	ﾄﾅｰﾓｰﾀｰｷﾞﾔｰ
41	RMŌTE0813FCZZ	AZ	FQ	N	B	Toner motor B	ﾄﾅｰﾓｰﾀｰB
42	XBBSD30P06000	AA	DD		C	Screw (3 × 6)	ﾋﾞｽ
43	PMLT-0973FCZZ	AD	DJ		C	Cushion F	ﾗｯｶｲﾀﾓﾙﾄF
44	NRŌLS1079FCZZ	AT	EZ		C	Toner supply roller	ﾄﾅｰﾎｷｭｳﾛｰﾗｰ
45	PMLT-0974FCZZ	AD	DJ		C	Cushion R	ﾗｯｶｲﾀﾓﾙﾄR
46	PMLT-0975FCZZ	AD	DJ		C	Housing cushion A	ﾊｳｼﾞﾝｸﾞﾓﾙﾄA
47	PSHEZ4271FCZZ	AG	DS	N	C	Sheet	ﾗｯｶﾊﾞﾝｼｰﾄ
48	NBRGP0540FCZZ	AE	DS		B	Toner supply roller bearing	ﾎｷｭｳﾛｰﾗｰｼﾞｸｳｹ
49	LPLTM4869FCZ1	AN	EG	N	C	Toner plate	ﾄﾅｰﾗｯｶｲﾀ
50	PMLT-0994FCZZ	AC	DJ		C	Cushion B	ﾗｯｶﾊﾞﾝﾓﾙﾄB
51	MSPRC1281FCZZ	AA	DD		C	Spring	ｳｴﾊｸﾘﾂﾒｽﾌﾟﾘﾝｸﾞ
52	PSHT-0072FCZZ	AN	EG	N	C	TH shutter	THｼｬｯﾀｰ
53	PGiDM1754FCZZ	AL	EB	N	C	Shutter guide	ｼｬｯﾀｰｶﾞｲﾄﾞ
54	MSPRP2149FCZZ	AB	DJ		C	Brake spring	CLﾖｳﾄﾞｳﾌﾞﾚｰｷｽﾌﾟﾘﾝｸﾞ
55	NSFTZ2296FCZZ	AR	EQ	N	C	Toner transport shaft A	ﾄﾅｰﾊﾝｿｳｼﾞｸA
56	MSPRC2563FCZZ	AC	DJ	N	C	Toner spring A	ﾄﾅｰｽﾌﾟﾘﾝｸﾞ A
57	LANGT1383FCZZ	AE	DJ		C	Toner stirring spring angle C	ﾄﾅｰｶｸﾊﾝｽﾌﾟﾘﾝｸﾞｱﾝｸﾞﾙC
58	PCŌVP1372FCZZ	AT	EZ	N	C	Hopper cover	ﾎｯﾊﾟｰｶﾊﾞｰ
59	RDTCT0132FCZZ	BA	FX	N	B	Toner empty sensor	ﾄﾅｰｴﾝﾌﾟﾃｨｰｾﾝｻｰ
60	LX-BZ1006LC03	AA	DD		C	Screw	ﾋﾞｽ
61	LX-BZ0586FCZZ	AA	DD		C	Screw	ﾋﾞｽ
62	NSFTZ2408FCZZ	AL	EB	N	C	Sensor vibration shaft A	ｾﾝｻｰｼﾝﾄﾞｳｼﾞｸA
63	XWHSD30-05080	AA	DD		C	Washer	ﾜｯｼｬ
64	MSPRT2063FCZZ	AB	DJ		C	Vibration shaft spring	ｼﾝﾄﾞｳｼﾞｸｽﾌﾟﾘﾝｸﾞ
65	XRESP20-04000	AA	DD		C	E type ring (2mm)	Eﾘﾝｸﾞ
66	NSFTZ2409FCZZ	AK	EB	N	C	Sensor vibration shaft B	ｾﾝｻｰｼﾝﾄﾞｳｼﾞｸB
67	LHLDW0006SCZZ	AB	DD		C	Wire clamp	ﾅｲﾛﾝｸﾗﾝﾌﾟ
68	MCAMP0087FCZ1	AC	DJ		C	Toner cam	ﾄﾅｰﾖｳｶﾑ
69	XRESP30-06000	AA	DD		C	E type ring (3mm)	Eﾘﾝｸﾞ
70	PSHEZ4313FCZZ	AE	DS	N	C	TH shutter sheet	THｼｬｯﾀｰｼｰﾄ
71	LX-BZ0689FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
	ﾕﾆｯﾄ (Unit)						
901	CBŌX-0111FC52	CB	TX	N	E	Toner box unit B (Japan,Europe,Oceania,the Near and Middle East,Africa)	ﾄﾅｰﾎﾞｯｸｽﾕﾆｯﾄｽｹB
	CBŌX-0111FC51	CB	TX	N	E	Toner box unit A (North America,Central South America,Asia)	ﾄﾅｰﾎﾞｯｸｽﾕﾆｯﾄｽｹA

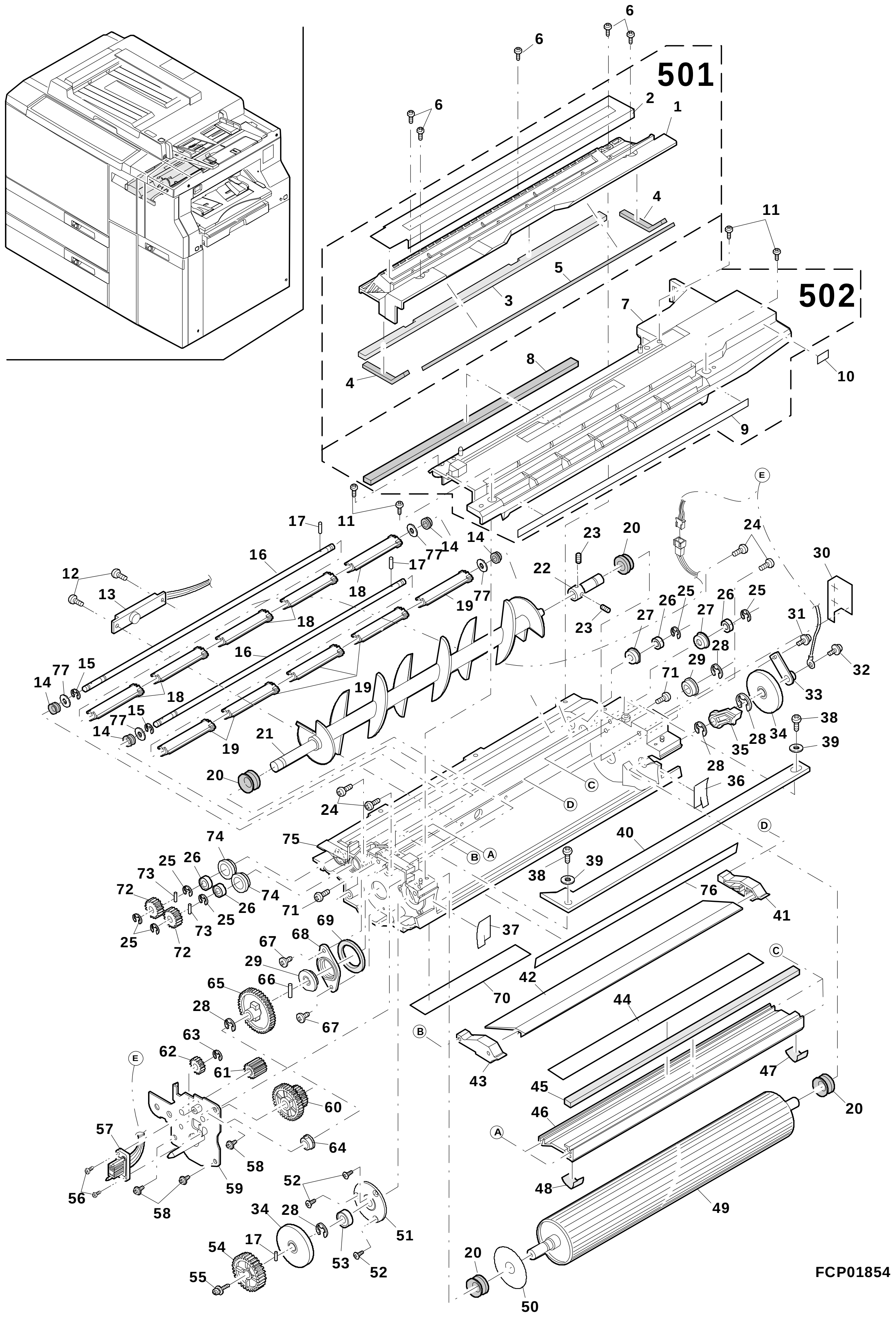
15 現像部 (Developer section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	PCŌVP1392FCZZ	AQ	EQ	N	C	Toner joint cover	ﾄﾅｰｼﾞｮｲﾝﾄｶﾊﾞｰ
2	PSEL−0738FCZ1	AK	EB	N	C	Joint seal	ｼﾞｮｲﾝﾄｼｰﾙ
3	PSEL−0739FCZZ	AE	DJ	N	C	DV toner seal A	DVTｼｰﾙA
4	PSEL−0741FCZZ	AB	DJ	N	C	DV toner seal C	DVTｼｰﾙC
5	PSEL−0740FCZZ	AC	DJ	N	C	DV toner seal B	DVTｼｰﾙB
6	LX−BZ0779FCZZ	AA	DD		C	Screw	DVｶﾊﾞｰﾋﾞｽ
7	PCŌVP1175FCZ1	AU	FG		C	DV cover	DVｶﾊﾞｰ
8	PSEL−0735FCZZ	AC	DJ	N	C	DV cover seal	DVｶﾊﾞｰｼｰﾙN
9	UCLEZ0145FCZZ	AK	DX	N	C	DV blade	DVﾌﾞﾚｰﾄﾞ
10	TLABZ1810FCZZ	AA	DD		C	Main discrimination label (Japan only)	ﾒｲﾝｼｷﾍﾞﾂﾗﾍﾞﾙ
11	XBBSD40P08000	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
12	XEPSD30P05000	AA	DD		C	Screw (3 X 5)	ﾋﾞｽ
13	RDTCT0101FCZ1	BA	FX	N	B	Toner sensor	ﾄﾅｰｺﾝｾﾝｻｰ
14	PRNGP0096FCZZ	AK	DX	N	C	V ring (φ6)	Vﾘﾝｸﾞ
15	XRESP60−08000	AA	DD		C	E type ring (6mm)	Eﾘﾝｸﾞ
16	NSFTZ2405FCZZ	AQ	EQ	N	C	DVAG shaft A	DVAGｼﾞｸA
17	LPiNS0155FCZZ	AA	DD		C	Pin (φ3-10)	ﾍｲｺｳﾋﾟﾝ
18	NHAN−0009FCZZ	AB	DD		C	Roller	ｱｼﾞﾃｰﾀｰﾊﾈN
19	NSRW−0027FCZZ	AE	DJ	N	C	Screw roller	ｱｼﾞﾃｰﾀｰﾊﾈN
20	PRNGP0097FCZZ	AK	DX	N	C	V ring (φ8)	Vﾘﾝｸﾞ
21	NRŌLP0946FCZZ	AW	FG		C	MX roller	MXﾛｰﾗｰ
22	NSFTZ2406FCZZ	AP	EQ	N	C	MX joint shaft	MXｼﾞｮｲﾝﾄｼﾞｸ
23	LX−BZ0380FCZZ	AB	DD		C	Screw (3 X 3)	ﾑｼﾋﾞｽ
24	XBBSD40P12000	AA	DD		C	Screw (4 X 12)	ﾋﾞｽ
25	XRESP40−06000	AA	DD		C	E type ring (4mm)	Eﾘﾝｸﾞ
26	NBRGY0578FCZZ	AN	EQ	N	B	AG bearing	AGｼﾞｸｳｹ
27	LHLDZ1339FCZZ	AQ	EQ	N	C	AG bearing holder F	AGｼﾞｸｳｹﾎﾙﾀﾞｰF
28	XRESP70−08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
29	NBRGC0374FCZZ	AK	EB		B	DV bearing N3	DVｼﾞｸｳｹN3
30	PSHEP3488FCZZ	AB	DJ		C	Harness sheet	ﾊｰﾈｽﾏｲﾗｰ
31	XBPSD40P08KS0	AA	DD		C	Screw (4 X 8KS)	ﾋﾞｽ
32	LX−BZ0187FCZZ	AA	DD		C	Screw (3 X 6)(Left type)	DVﾋﾀﾞﾘﾋﾞｽ
33	LPLTP4373FCZZ	AD	DS		C	Adjusting plate	ｼｭｷｮｸﾁｮｳｾｲｲﾀ
34	PCLR−0380FCZ1	AQ	EQ		C	DSD collar	DSDｶﾗｰ
35	LHLDZ1136FCZZ	AC	DJ		C	MG holder	MGﾎﾙﾀﾞｰ
36	PSEL−0736FCZZ	AE	DS	N	C	Side seal HF	ｻｲﾄﾞｼｰﾙHF
37	PSEL−0737FCZZ	AE	DS	N	C	Side seal HR	ｻｲﾄﾞｼｰﾙHR
38	XEBSD40P08000	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
39	XWHSD60−10130	AA	DD		C	Washer	ﾋﾗﾜｯｼｬ
40	JHNDP0118FCZ1	AH	EB		C	DV handle	DVﾊﾝﾄﾞﾙ
41	LPLTP5281FCZZ	AE	DJ	N	C	Side fixing plate F	ｻｲﾄﾞｺﾃｲﾊﾞﾝF
42	LPLTM5283FCZZ	AH	DX	N	C	Plate	ﾅｶﾞｼｲﾀ
43	LPLTP5282FCZZ	AE	DJ	N	C	Side fixing plate R	ｻｲﾄﾞｺﾃｲﾊﾞﾝR
44	PCŌVP1191FCZZ	AC	DJ		C	Harness cover	ﾊｰﾈｽｶﾊﾞｰ
45	PMLT−1115FCZZ	AC	DJ	N	C	Doctor cushion	ﾄﾞｸﾀｰﾓﾙﾄ
46	LPLTZ5304FCZZ	AW	FG	N	C	Doctor	ﾄﾞｸﾀｰ
47	PSHEZ4257FCZZ	AC	DJ	N	C	DV doctor sheet F	DVﾄﾞｸﾀｰｽｴｰﾄﾞF
48	PSHEZ4258FCZZ	AC	DJ	N	C	DV doctor sheet R	DVﾄﾞｸﾀｰｽｴｰﾄﾞR
49	NRŌLM1163FCZ1	BR	LP	N	C	MG roller	MGﾛｰﾗｰ
50	PTPE−0191FCZZ	AF	DX		C	MGR tape	MGRﾃｰﾌﾟ
51	LHLDZ1338FCZZ	AY	FQ	N	C	MG housing	MGﾊｳｼﾞﾝｸﾞ
52	XBSSD30P06000	AA	DD		C	Screw (3 X 6)	ﾋﾞｽ
53	NBRGY0569FCZZ	AN	EG		B	Ball bearing (φ8)	ﾎﾞｰﾙﾍﾞｱﾘﾝｸﾞ
54	NGERH0049FCZZ	AD	DJ		C	DV gear (36T)	DVｷﾞﾔｰ
55	XBPSD40P06XS0	AA	DD		C	Screw (4 X 6XS)	ﾋﾞｽ
56	XBBSD30P08000	AA	DD		C	Screw (3 X 8)	ﾋﾞｽ
57	DHAi−2718FCZZ	AT	EZ	N	C	DV harness	DVﾊｰﾈｽ
58	LX−BZ4008SC0M	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
59	CPLTM5280FC01	AT	EZ	N	C	DV drive plate	DVｸﾄﾞｳﾊﾞﾝ
60	CGERH0270FC01	AG	DS		C	Fusing joint gear	ﾃｲﾁｬｸﾚﾝｹﾂｷﾞﾔｰ
61	CGERH1204FC01	AK	EB	N	C	DV idle gear (17T)	DVｱｲﾄﾞﾙｷﾞﾔｰ
62	CGERH1203FC01	AK	DX	N	C	DV idle gear (18T)	DVｱｲﾄﾞﾙｷﾞﾔｰ
63	XRESP50−06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
64	NBRGC0140FCZZ	AD	DJ		B	DV seal bearing	DVｼｰﾙｼﾞｸｳｹ
65	NGERH0931FCZZ	AE	DS		C	Gear (44T)	ｷﾞﾔｰ
66	LPiNS0096FCZZ	AB	DD		C	Pin (φ3-12)	ﾍｲｺｳﾋﾟﾝ
67	LX−BZ0680FCZZ	AB	DD		C	Screw (M3)	ﾀﾞﾝﾋﾞｽ
68	LHLDZ0985FCZZ	AD	DJ		C	DV bearing holder	DVｼﾞｸｳｹﾎﾙﾀﾞｰ
69	PSEL−0532FCZZ	AB	DJ		C	BK bearing holder seal	BKｼﾞｸｳｹﾎﾙﾀﾞｰｼｰﾙ
70	PSHEP4263FCZZ	AC	DJ	N	C	ATC harness sheet	ATCﾊｰﾈｽｼｰﾄ
71	XEBSD30P08000	AA	DD		C	Screw (3 X 8)	ﾋﾞｽ
72	NGERH1205FCZZ	AE	DS	N	C	DVAG gear (18T)	DVAGｷﾞﾔｰ
73	LPiNS0165FCZZ	AB	DD		C	Pin (φ2-8)	ﾍｲｺｳﾋﾟﾝ
74	LHLDZ1340FCZZ	AQ	EQ	N	C	AG beaing holder R	AGｼﾞｸｳｹﾎﾙﾀﾞｰR
75	PBŌX−0115FCZ1	BB	GD	N	D	DV box	DVﾎﾞｯｸｽ
76	PSEL−0743FCZZ	AD	DJ	N	C	DV AG seal	DVAG ｼｰﾙ
77	LX−WZ0278FCZZ	AA	DD		C	Washer (φ6-11)	ﾎﾟﾘｽﾗｲﾀﾞｰ
501	CCŌVP1392FC51	AW	FG	N	E	Joint cover unit	ｼﾞｮｲﾝﾄｶﾊﾞｰﾕﾆｯﾄ
502	CCŌVP1175FC52	AY	FQ	N	E	DV cover unit	DVｶﾊﾞｰﾕﾆｯﾄ
	ﾕﾆｯﾄ (Unit)						

15 現像部 (Developer section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
901	CBŌX−0115FC51	CE	UF	N	E	DV unit (Japan only)	DVﾕﾆｯﾄ
	CBŌX−0115FC52	CE	UF	N	E	DV unit (Except Japan)	DVﾕﾆｯﾄ

15 現像部 (Developer section)



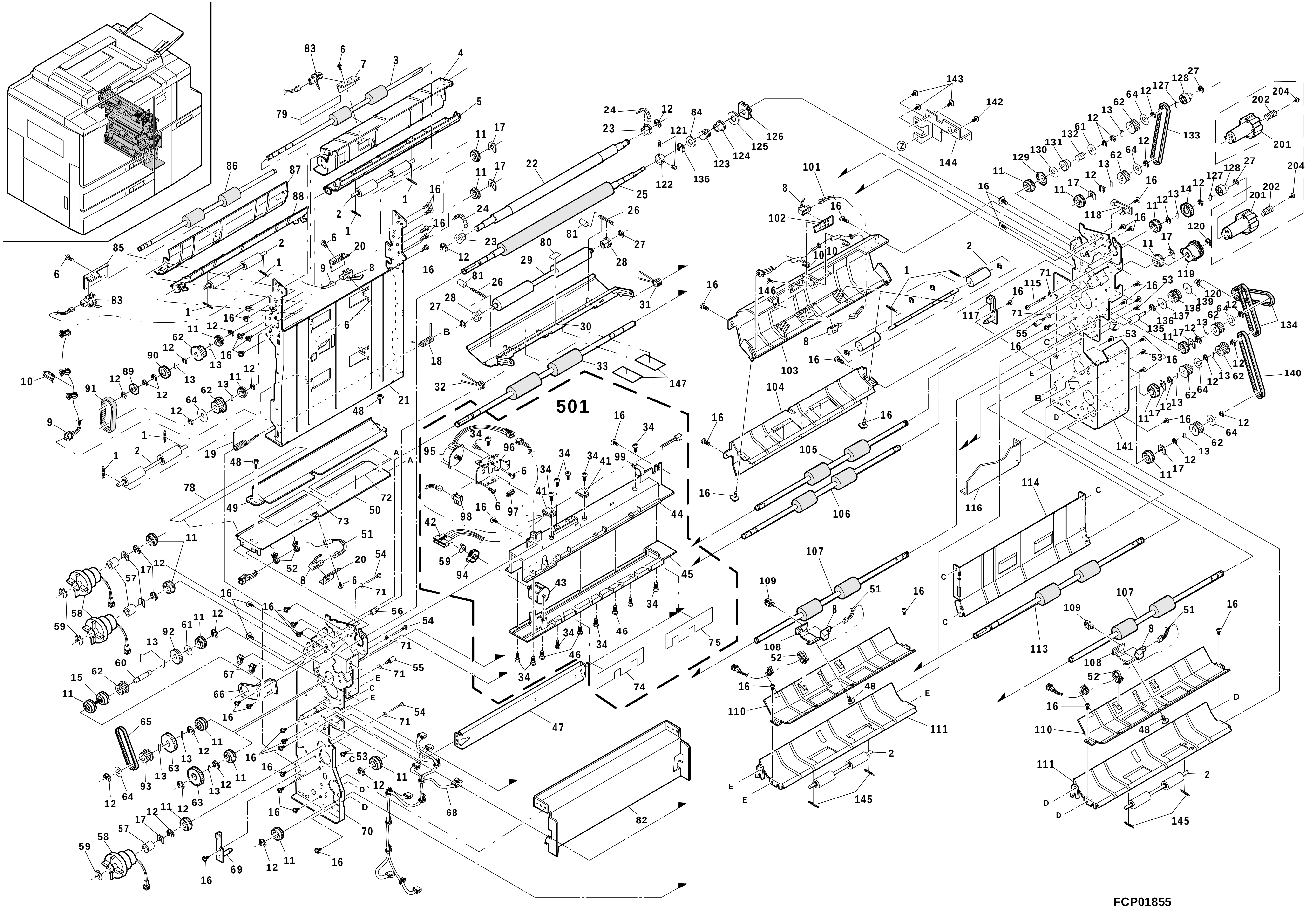
16 搬送部 (Transport section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	MSPRT2040FCZZ	AB	DJ		C	Transport spring A	ﾊﾝｿｳｼﾞｭｳﾄﾞｳｽﾌﾟﾘﾝｸﾞ A
2	CRŌLP0945FC32	AS	EZ		E	Transport roller unit	ｼﾞｭｳﾄﾞｳﾛｰﾗｰﾕﾆｯﾄ
3	NRŌLR1164FCZZ	AW	FG	N	C	Transport roller 6	ﾊﾝｿｳﾛｰﾗｰ6
4	CGiDH1662FC01	AY	FQ	N	C	Transport paper guide D	ﾊﾝｿｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ D
5	PGiDH1665FCZZ	AQ	EQ	N	C	Transport paper guide L	ﾊﾝｿｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ L
6	XBPSD30P06K00	AA	DD		C	Screw (3 × 6K)	ﾋﾞｽ
7	LPLTM5152FCZZ	AD	DJ	N	C	Switch fixing plate F	ｽｲｯﾁﾄﾘﾂｹﾊﾞﾝF
8	QSW-Z0419FCZZ	AM	EG		B	Detect sensor N	ｹﾝﾁｾﾝｻｰN
9	DHAi-2691FCZZ	AN	EQ	N	C	Transport harness	ﾀﾃﾊﾝｿｳﾊｰﾈｽ
10	LBNDJ0013FCZ1	AA	DJ		C	Wire band	ﾜｲﾔｰﾊﾞﾝﾄﾞ
11	NBRGY0131FCZZ	AM	EG		B	Bearing (With ϕ22 E ring)	ﾍﾞｱﾘﾝｸﾞ
12	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
13	LPiNS0155FCZZ	AA	DD		C	Pin (ϕ3-10)	ﾍｲｺｳﾋﾟﾝ
14	NGERH0128FCZZ	AC	DD		C	Gear (24T)	24Tｷﾞﾔｰ
15	NPLYZ0311FCZZ	AE	DS	N	C	Pulley B	ｼﾞｸｶﾝﾌﾟｰﾘｰB
16	LX-BZ0527FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
17	PRNGP0084FCZZ	AA	DJ		C	E Type ring (E6)	ｼﾞｭｼｾｲEﾘﾝｸﾞ
18	MSPRC1653FCZZ	AD	DJ		C	PG pressure spring F	PGｶｱﾂｽﾌﾟﾘﾝｸﾞ F
19	MSPRC2046FCZZ	AC	DJ		C	PG pressure spring BR	PGｱｯｾﾂｽﾌﾟﾘﾝｸﾞ BR
20	LPLTM4261FCZZ	AE	DS		C	Switch fixing plate D	SWﾄﾘﾂｹﾊﾞﾝD
21	CGiDH1663FC01	BA	FX	N	C	Transport paper guide E	ﾊﾝｿｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ E
22	NRŌLP0940FCZZ	AZ	FX		C	PS roller upper	PSﾛｰﾗｰｳｴ
23	NBRGC0037FCZ1	AC	DJ		B	Bearing B	ｼﾞｸｳｹ B
24	MSPRT2042FCZZ	AD	DS		C	PS spring	PSｽﾌﾟﾘﾝｸﾞ
25	NRŌLR1195FCZ1	BC	GD	N	C	PS roller lower	PSﾛｰﾗｰｼﾀ
26	MSPRT2041FCZZ	AB	DJ		C	Transport spring B	ﾊﾝｿｳｼﾞｭｳﾄﾞｳｽﾌﾟﾘﾝｸﾞ B
27	XRESP50-06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
28	NBRGC0100FCZ1	AC	DJ		B	Bearing 6	ﾍﾞｱﾘﾝｸﾞ6
29	NRŌLP0941FCZZ	AX	FQ		C	Transport roller 1 upper	ﾊﾝｿｳﾛｰﾗｰ1ｳｴ
30	PGiDH1661FCZZ	AQ	EQ	N	C	Transport paper guide A	ﾊﾝｿｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ A
31	MSPRC2043FCZZ	AC	DJ		C	Paper guide pressure spring AF	ﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｱｯｾﾂｽﾌﾟﾘﾝｸﾞ AF
32	MSPRC2044FCZZ	AC	DJ		C	Paper guide pressure spring AR	ﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｱｯｾﾂｽﾌﾟﾘﾝｸﾞ AR
33	NRŌLR0949FCZZ	AY	FQ		C	Transport roller 1 lower	ﾊﾝｿｳﾛｰﾗｰ1ｼﾀ
34	XEBSD40P12000	AA	DD		C	Screw (4 × 12)	ﾋﾞｽ
41	LBNDJ0010FCZZ	AB	DD		C	Wire fixing band (NK-2N)	ｺｰﾄﾞﾊﾞﾝﾄﾞ
42	DHAi-2692FCZZ	AQ	EQ	N	C	ADU duct harness	ADUﾀﾞｸﾄﾊｰﾈｽ
43	PVLV-0015FCZZ	AF	DS	N	C	Blow valve	ﾌｷﾂｹﾊﾞﾙﾌﾞ
44	PDUC-0133FCZZ	AP	EQ	N	D	Upper blow duct	ﾌｷﾂｹﾀﾞｸﾄ ｳｴ
45	PDUC-0134FCZZ	AN	EG	N	D	Lower blow duct	ﾌｷﾂｹﾀﾞｸﾄ ｼﾀ
46	XEBSD40P16000	AA	DD		C	Screw (4 × 16)	ﾋﾞｽ
47	LSTYM0193FCZZ	AN	EQ		C	Transport stay RA	ﾊﾝｿｳｽﾃｰRA
48	LX-BZ0465FCZZ	AA	DD		C	Screw (4 × 6)	ﾋﾞｽ
49	PGiDH1389FCZ1	AK	DX		C	PS upper paper guide	PSｳｴﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ
50	PGiDH1388FCZ1	AN	EG		C	PS lower paper guide	PSｼﾀﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ
51	DHAi-2143FCZZ	AH	DX		C	Transport sensor interface harness	ﾊﾝｿｳｾﾝｻｰﾁｭｳｹｲﾊｰﾈｽ
52	LBNDJ0043FCZZ	AA	DD		C	Snap band (SG-130)	ｽﾅｯﾌﾟﾊﾞﾝﾄﾞ
53	LX-BZ0689FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
54	LX-BZ0578FCZZ	AC	DD		C	Lens fixing screw	ﾚﾝｽﾞｺﾃｲﾋﾞｽ
55	LX-BZ0528FCZZ	AC	DD		C	Screw	ﾋﾞｽ
56	NSFTZ1892FCZZ	AF	DX		C	Paper guide fulcrum shaft R	ﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｼﾃﾝｼﾞｸR
57	PSPAZ0616FCZZ	AB	DJ		C	Transport spacer	ﾊﾝｿｳｽﾍﾟｰｻｰ
58	PCLC-0216FCZZ	BA	GD		B	Transport joint clutch 1	ﾊﾝｿｳﾚﾝｹﾂｸﾗｯﾁ1
59	LSTPP0279FCZZ	AB	DD		C	Stopper	ｽﾄｯﾊﾟｰ
60	NSFTZ2299FCZZ	AH	DX	N	C	Transport roller drive shaft	ﾊﾝｿﾛｰﾗｰｸﾄﾞｳｼﾞｸ
61	LX-WZ0017FCZZ	AA	DD		C	Washer (ϕ8)	ﾜｯｼｬ
62	NPLYZ0205FCZZ	AE	DJ		C	Pulley 20T	ﾌﾟｰﾘｰ 20T
63	NGERH0349FCZZ	AC	DD		C	CL gear (28T)	CLｷﾞﾔｰ
64	PSHEP3291FCZZ	AB	DJ		C	Pulley sheet A	ﾌﾟｰﾘｰﾏｲﾗｰA
65	NBLTH0270FCZZ	AL	EB	N	B	Belt (174S3M)	ﾍﾞﾙﾄ
66	MARMM0166FCZZ	AH	DX		C	Transport drive arm	ﾊﾝｿｳｸﾄﾞｳｱｰﾑ
67	LHLDW7011XCZZ	AB	DD		C	Holder (YMC-05-0)	ﾐﾆｸﾗﾝﾌﾟ
68	DHAi-2700FCZZ	AX	FG	N	C	Transport harness	ﾊﾝｿｳﾊｰﾈｽ
69	CPLTM3371FC04	AK	EB		C	Paper guide rotation fulcrum plate R2	ﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｶｲﾃﾝｼﾃﾝﾊﾞﾝR2
70	CFRM-0759FC01	AZ	FX		C	Transport frame R	ﾊﾝｿｳﾌﾚｰﾑR
71	XWHSD40-08100	AA	DD		C	Washer	ﾜｯｼｬ
72	PSHEP3438FCZZ	AK	EB		C	Resist sheet A	ﾚｼﾞｽﾄﾏｲﾗｰA
73	PSHEP3439FCZZ	AK	EB		C	Resist sheet B	ﾚｼﾞｽﾄﾏｲﾗｰB
74	PSHEP3502FCZ1	AD	DJ		C	Duct sheet R	ﾀﾞｸﾄﾏｲﾗｰ R
75	PSHEP3501FCZ1	AD	DJ		C	Duct sheet F	ﾀﾞｸﾄﾏｲﾗｰ F
78	PSHEP3558FCZZ	AE	DS		C	PS assistance sheet	PSﾎｼﾞｮｼｰﾄ
79	TLABZ3961FCZZ	AF	DS	N	C	NO. label B-1	NOﾗﾍﾞﾙB-1
80	TLABZ3407FCZZ	AB	DJ		C	Number label A	NOﾗﾍﾞﾙ A
81	PTUBP0108FCZZ	AB	DJ		C	Transport spring tube	ﾊﾝｿｳｽﾌﾟﾘﾝｸﾞﾁｭｰﾌﾞ
82	LSTYM0206FCZZ	AS	EZ		C	Transport stay C	ﾊﾝｿｳｽﾃｰ C
83	QSW-Z0457FCZZ	AP	EQ		B	DGD1 switch	DGD1ｽｲｯﾁ
84	LX-WZ0021FCZZ	AB	DD		C	Washer	ﾚﾊﾞｰﾖｳﾜｯｼｬ
85	LPLTM5153FCZZ	AD	DJ	N	C	Switch fixing plate G	ｽｲｯﾁﾄﾘﾂｹﾊﾞﾝG
86	NRŌLR1134FCZZ	AV	FG	N	C	Transport roller 7	ﾊﾝｿｳﾛｰﾗｰ7
87	PGiDH1667FCZZ	AQ	EQ	N	C	Transport paper guide N	ﾊﾝｿｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ N
88	PGiDH1666FCZZ	AP	EQ	N	C	Transport paper guide M	ﾊﾝｿｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ M

16 搬送部 (Transport section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
89	NPLYZ0312FCZZ	AE	DJ	N	C	Pulley A	ｼﾞｸｶﾝﾌﾟｰﾘｰA
90	NGERH0861FCZZ	AB	DD		C	Paper feed roller gear 18T	ｷｭｳｼﾛｰﾗｰｷﾞﾔｰ18T
91	NBLTH0141FCZZ	AG	DS		B	Transport drive belt C (60S3M150)	ﾊﾝｿｳｸﾄﾞｳﾍﾞﾙﾄ C
92	NGERH1149FCZZ	AE	DS	N	C	Transport drive gear (30T)	ﾊﾝｿｳｸﾄﾞｳｷﾞﾔｰ
93	NPLYZ0265FCZZ	AC	DD		C	Transport pulley	ﾊﾝｿｳﾌﾟｰﾘｰ
94	NGERH1150FCZZ	AE	DS	N	C	Valve gear 50T	ﾊﾞﾙﾌﾞｷﾞﾔｰ50T
95	RMŌTP0809FCZZ	AY	FQ	N	B	Valve motor	ﾊﾞﾙﾌﾞﾓｰﾀｰ
96	LPLTM5154FCZZ	AG	DX	N	C	Valve motor fixing plate	ﾊﾞﾙﾌﾞﾓｰﾀｰﾄﾘﾂｹｲﾀ
97	LHLDW1263FCZZ	AC	DJ		C	Wire holder (EDS0607M)	ﾜｲﾔｰｻﾄﾞﾙ
98	VHPGP1A71A1-1	AG	DX		B	Photo sensor (GP1A71A1)	ﾌｫﾄｾﾝｻｰ
99	LBNDJ0002FCZZ	AA	DD		C	Wire fixing band (HP-4N)	ｺｰﾄﾞﾊﾞﾝﾄﾞ
101	DHAi-2144FCZZ	AR	EQ		C	DPFD interface harness	DPFDﾁｭｳｹｲﾊｰﾈｽ
102	LPLTM4262FCZZ	AE	DS		C	Switch fixing plate E	SWﾄﾘﾂｹﾊﾞﾝE
103	CGiDH1391FC02	AT	EZ		C	Transport paper guide B	ﾊﾝｿｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ B
104	PGiDH1392FCZ1	AR	EQ		C	Transport paper guide C	ﾊﾝｿｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ C
105	NRŌLR0969FCZZ	AU	FG		C	Transport roller 7	ﾊﾝｿｳﾛｰﾗｰ7
106	NRŌLR1165FCZZ	AX	FG	N	C	Transport roller 2	ﾊﾝｿｳﾛｰﾗｰ2
107	NRŌLR0965FCZZ	AU	FG		C	Transport roller 3	ﾊﾝｿｳﾛｰﾗｰ3
108	LPLTM4267FCZZ	AF	DX		C	Switch fixing plate F	SWﾄﾘﾂｹﾊﾞﾝF
109	LHLDW1157FCZZ	AB	DJ		C	Wire holder	ﾖｺｶﾞﾀﾐﾆｸﾗﾝﾌﾟ
110	PGiDH1395FCZ1	AL	EB		C	Transport paper guide F	ﾊﾝｿｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ F
111	PGiDH1396FCZ1	AS	EQ		C	Transport paper guide G	ﾊﾝｿｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ G
113	NRŌLR0967FCZZ	AW	FG		C	Transport roller 5	ﾊﾝｿｳﾛｰﾗｰ5
114	PGiDH1397FCZ1	AR	EQ		C	Transport paper guide H	ﾊﾝｿｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ H
115	LX-BZ0535FCZZ	AB	DD		C	Clutch fixing screw	ｸﾗｯﾁｺﾃｲﾋﾞｽ
116	MLEVF0631FCZZ	AH	DX		C	Transport lock lever	ﾊﾝｿｳﾛｯｸﾚﾊﾞｰ
117	CPLTM3378FC02	AK	EB		C	PC rotation hold plate RAAS2	PCｶｲﾃﾝｼﾃﾝﾊﾞﾝRAAS2
118	CPLTM3371FC03	AH	DX		C	Paper guide rotation fulcrum plate F1	ﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｶｲﾃﾝｼﾃﾝﾊﾞﾝF1
119	PCLC-0218FCZZ	AX	FQ		B	Brake clutch	ﾌﾞﾚｰｷｸﾗｯﾁ
120	XRESP40-06000	AA	DD		C	E type ring (4mm)	Eﾘﾝｸﾞ
121	LX-BZ0039FCZZ	AB	DD		C	Screw (4 × 4)	ﾑｼﾋﾞｽ
122	PCLR-0388FCZZ	AB	DJ		C	Brake adjusting collar	ﾌﾞﾚｰｷﾁｮｳｾｲｶﾗｰ
123	MSPRC2231FCZZ	AC	DJ		C	Drive brake spring	ｸﾄﾞｳﾌﾞﾚｰｷｽﾌﾟﾘﾝｸﾞ
124	PCLR-0387FCZZ	AB	DJ		C	Brake collar	ﾌﾞﾚｰｷﾖｳｶﾗｰ
125	LX-WZ0172FCZZ	AB	DD		C	Washer	ﾎﾟﾘｽﾗｲﾀﾞｰ
126	LPLTM4459FCZZ	AC	DJ		C	Brake plate	ﾌﾞﾚｰｷｲﾀ
127	LPiNS0096FCZZ	AB	DD		C	Pin (ϕ3-12)	ﾍｲｺｳﾋﾟﾝ
128	LDAiU0450FCZZ	AB	DD		C	Ratchet block	ﾗﾁｪｯﾄﾌﾞﾛｯｸ
129	PSPAZ0095FCZZ	AB	DD		C	Clutch spacer	ｸﾗｯﾁｽﾍﾟｰｻｰ
130	PSPAP5020BCZZ	AA	DD		C	Spacer	ｽﾍﾟｰｻｰ
131	PCLR-0259FCZZ	AB	DD		C	Brake collar	ﾌﾞﾚｰｷﾖｳｶﾗｰ
132	MSPRT0735FCZZ	AA	DD		C	PS brake spring	PSﾌﾞﾚｰｷｽﾌﾟﾘﾝｸﾞ
133	NBLTH0207FCZZ	AH	EB		B	303S3M belt	303S3Mﾍﾞﾙﾄ
134	NBLTH0208FCZZ	AH	DX		B	219S3M belt	219S3Mﾍﾞﾙﾄ
135	NSFTZ1893FCZ1	AH	DX		C	Pulley idle shaft	ﾌﾟｰﾘｰｱｲﾄﾞﾙｼﾞｸ
136	XRESP90-08000	AA	DD		C	E type ring (9mm)	Eﾘﾝｸﾞ
137	PSHEP3346FCZZ	AB	DJ		C	Pulley sheet C	ﾌﾟｰﾘｰﾏｲﾗｰC
138	CPLYZ0279FC01	AN	EQ		C	Joint pulley	ﾚﾝｹﾂﾌﾟｰﾘｰ
139	PSHEP3292FCZZ	AB	DJ		C	Pulley sheet B	ﾌﾟｰﾘｰﾏｲﾗｰB
140	NBLTH0205FCZZ	AH	EB		B	276S3M belt	276S3Mﾍﾞﾙﾄ
141	CFRM-0758FC01	AZ	FX		C	Transport frame F	ﾊﾝｿｳﾌﾚｰﾑF
142	XBPSF40P08KS0	AA	DD		C	Screw (4 × 8KS)	ﾋﾞｽ
143	LX-BZ0260FCZZ	AA	DD		C	Screw (4 × 8SW/W)(Red)	ﾋﾞｽ
144	CPLTM4257FC01	AT	EZ		C	Transport control plate	ﾊﾝｿｳｲﾁｷﾞﾒｲﾀ
145	MSPRT2051FCZZ	AC	DJ		C	Spring	ｼﾞｭｳﾄﾞｳﾛｰﾗｰｺﾃｲｽﾌﾟﾘﾝｸﾞ
146	LX-BZ0406FCZZ	AA	DD		C	Screw (3 × 4)	ﾋﾞｽ
147	PSHEP4388FCZZ	AC	DJ	N	C	Paper guide A sheet	ﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ Aｼｰﾄ
201	JKNBP0121FCZZ	AE	DS		C	Fusing knob	ﾃｲﾁｬｸﾉﾌﾞ
202	MSPRC1954FCZ1	AC	DJ		C	Ratchet spring	ﾗﾁｴｯﾄﾖｳｽﾌﾟﾘﾝｸﾞ
204	LX-BZ0711FCZZ	AA	DD		C	Screw (3 × 8)	ﾋﾞｽ
501	CDUC-0133FC31	BL	HL	N	E	Blow duct unit	ﾌｷﾂｹﾀﾞｸﾄﾕﾆｯﾄ
	ﾕﾆｯﾄ (Unit)						
901	DUNT-6623FC11	CQ	VJ	N	E	Transport unit	ﾊﾝｿｳﾕﾆｯﾄ

16 搬送部 (Transport section)

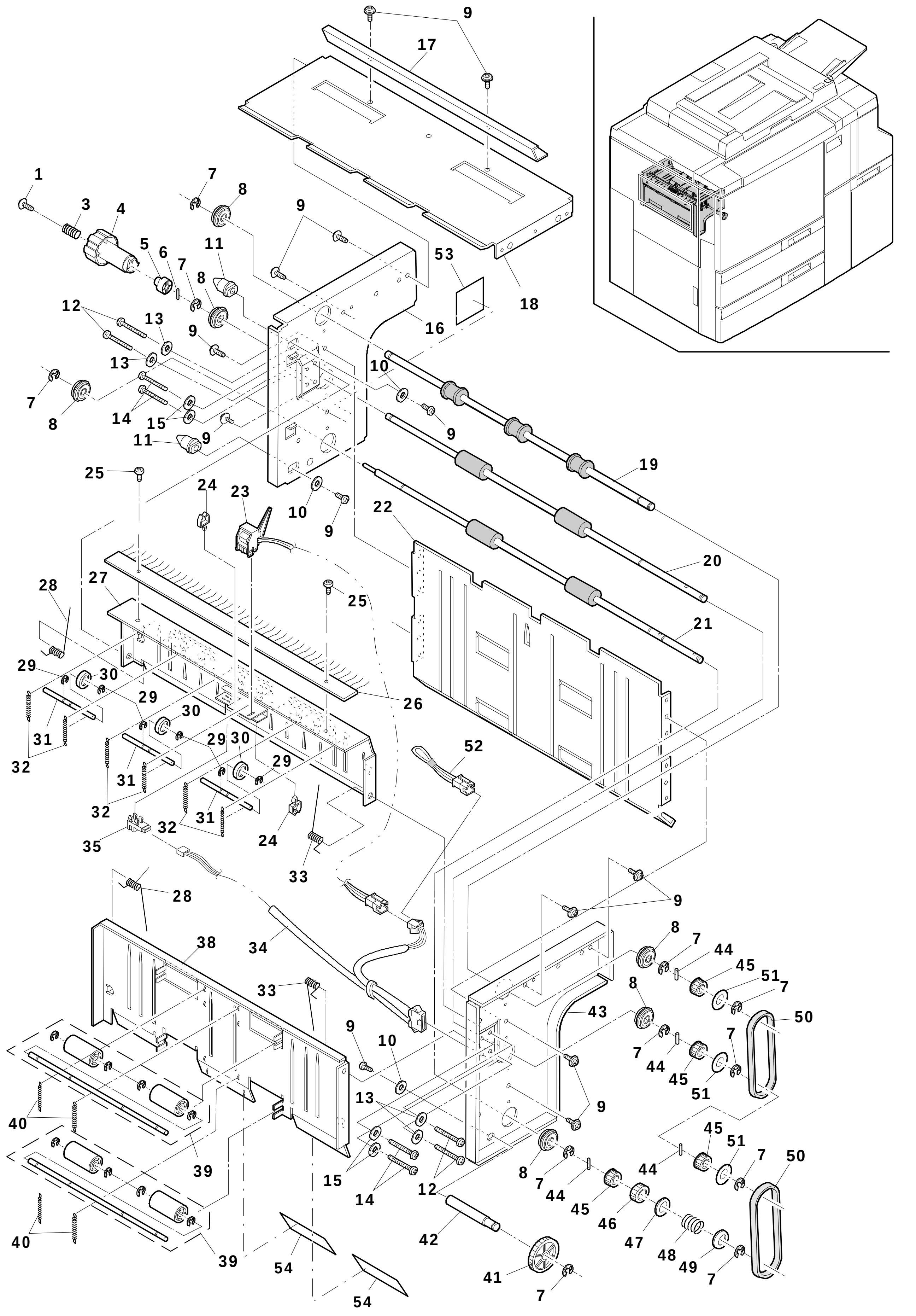

83
6
7
3
4
5
79
86
87
88
85
6
83
10
9
91
89
90
62
11
12
13
1
2
16
21
48
19
78
49
72
50
73
51
20
8
52
54
71
56
55
53
22
23
24
25
26
27
28
29
30
31
32
33
80
81
18
17
11
12
84
121
122
123
124
125
126
136
501
95
96
34
41
99
44
45
43
42
59
94
97
98
46
47
74
75
82
147
57
58
59
60
61
92
15
65
93
63
64
66
67
68
69
70
A
B
C
D
E
Z
101
102
103
104
105
106
107
108
109
110
111
113
114
115
116
117
118
119
120
127
128
129
130
131
132
133
134
135
137
138
139
140
141
142
143
144
145
146
201
202
204
2
1
8
51
52
48
16

FCP01855

17 排紙部 (Discharge section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	LX-BZ0711FCZZ	AA	DD		C	Screw (3 X 8)	ﾋﾞｽ
3	MSPRC1954FCZ1	AC	DJ		C	Ratchet spring	ﾗﾁｴｯﾄﾖｳｽﾌﾟﾘﾝｸﾞ
4	JKNBP0121FCZZ	AE	DS		C	Fusing knob	ﾃｲﾁｬｸﾉﾌﾞ
5	LDAiU0450FCZZ	AB	DD		C	Ratchet block	ﾗﾁｪｯﾄﾌﾞﾛｯｸ
6	LPiNS0096FCZZ	AB	DD		C	Pin (φ3-12)	ﾍｲｺｳﾋﾟﾝ
7	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
8	NBRGP0555FCZZ	AG	DS		B	Bearing (φ8-22)	ﾍﾞｱﾘﾝｸﾞ
9	LX-BZ0320FCZZ	AA	DD		C	Screw (4 X 6)	ﾋﾞｽ
10	LX-WZ0086FCZZ	AA	DD		C	PS brake washer	PSﾌﾞﾚｰｷﾜｯｼｬ
11	NSFTZ1982FCZZ	AG	DX		C	Delivery unit fixing shaft	ﾊｲｼUNｺﾃｲｼﾞｸ
12	XBPSD40P20000	AA	DD		C	Screw (4 X 20)	ﾋﾞｽ
13	XWHSD40-08100	AA	DD		C	Washer	ﾜｯｼｬ
14	XBPSD30P12000	AA	DD		C	Screw (3 X 12)	ﾋﾞｽ
15	XWHSD30-05080	AA	DD		C	Washer	ﾜｯｼｬ
16	LFRM-0788FCZ2	AS	EQ		C	Delivery frame F	ﾊｲｼﾌﾚｰﾑF
17	LPLTM1828FCZ5	AN	EQ	N	C	Tray support plate (Japan only)	ﾄﾚｲｼｼﾞｲﾀ
18	LFRM-0790FCZZ	AW	FG		C	Delivery frame T	ﾊｲｼﾌﾚｰﾑT
19	NRŌLR0959FCZ1	AV	FG	N	C	Delivery roller S	ﾊｲｼﾛｰﾗｰS
20	NRŌLR0960FCZ1	AX	FG	N	C	Delivery roller W	ﾊｲｼﾛｰﾗｰW
21	NRŌLR0982FCZ1	AV	FG	N	C	Delivery roller S2	ﾊｲｼﾛｰﾗｰS2
22	PGiDH1437FCZ2	AM	EG		C	Delivery paper guide lower	ﾊｲｼﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｼﾀ
23	QSW-L0260FCZZ	AQ	EZ		B	Lead switch (LS4)(Japan only)	ﾘｰﾄﾞｽｲｯﾁ
24	LHLDW1009ACZZ	AA	DD		C	Wire holder	ﾐﾆｸﾗﾝﾌﾟ
25	XBBSE40P08000	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
26	PBRSR0129FCZZ	AR	EQ		B	Discharge brush	ｼﾞｮﾃﾞﾝﾌﾞﾗｼ
27	CGiDH1436FC02	AQ	EQ		C	Delivery paper guide upper	ﾊｲｼﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｳｴ
28	MSPRC2092FCZZ	AC	DJ		C	PG upper pressure spring F	PGｳｴ2ｱｯｾﾂｽﾌﾟﾘﾝｸﾞ F
29	XRESP50-06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
30	NBRGP0557FCZZ	AF	DS		B	Bearing (φ6-19)	ｼﾞｸｳｹ
31	NSFTZ1971FCZZ	AF	DX		C	Delivery roller shaft	ﾊｲｼｼﾞｭｳﾄﾞｳﾛｰﾗｰｼﾞｸ
32	MSPRT2082FCZZ	AB	DJ		C	Delivery roller spring	ﾊｲｼｼﾞｭｳﾄﾞｳﾛｰﾗｰｽﾌﾟﾘﾝｸﾞ
33	MSPRC2093FCZZ	AC	DJ		C	PG upper pressure spring R	PGｳｴ2ｱｯｾﾂｽﾌﾟﾘﾝｸﾞ R
34	DHAi-2215FCZZ	AL	EG		C	Delivery unit harness	ﾊｲｼUNﾊｰﾈｽ
35	QSW-Z0463FCZZ	AP	EQ		B	FPOD switch	FPODｽｲｯﾁ
38	PGiDH1461FCZ2	AN	EQ		C	Delivery guide upper 2	ﾊｲｼｶﾞｲﾄﾞｳｴ2
39	CRŌLP0945FC33	AS	EZ		E	SB roller unit	SBｼﾞｭｳﾄﾞｳﾛｰﾗｰﾕﾆｯﾄ
40	MSPRT2054FCZZ	AB	DJ		C	Roller spring B	ｼﾞｭｳﾄﾞｳﾛｰﾗｰｽﾌﾟﾘﾝｸﾞ B
41	CGERH0504FC01	AE	DS		C	Gear (37T)	ｷﾞﾔｰ
42	NSFTZ1968FCZZ	AK	EB		C	Delivery drive shaft A	ﾊｲｼｸﾄﾞｳｼﾞｸA
43	LFRM-0789FCZ2	AS	EQ		C	Delivery frame R	ﾊｲｼﾌﾚｰﾑR
44	LPiNS0155FCZZ	AA	DD		C	Pin (φ3-10)	ﾍｲｺｳﾋﾟﾝ
45	NPLYZ0087FCZZ	AB	DD		C	Delivery pulley	ﾊｲｼﾌﾟｰﾘｰ
46	NGERH0949FCZZ	AC	DJ		C	Ratchet gear (21T)	ﾗﾁｪｯﾄｷﾞﾔｰ21
47	LX-WZ0017FCZZ	AA	DD		C	Washer (φ8)	ﾜｯｼｬ
48	MSPRC1940FCZZ	AA	DD		C	Gear pressure spring	ｷﾞﾔｱｯﾁｬｸｽﾌﾟﾘﾝｸﾞ
49	LFiX-0235FCZZ	AC	DD		C	Spring fixing plate	ｽﾌﾟﾘﾝｸﾞｵｻｴ
50	NBLTH0222FCZZ	AH	DX		B	Delivery roller drive belt	ﾊｲｼﾛｰﾗｰｸﾄﾞｳﾍﾞﾙﾄ
51	PSHEP3291FCZZ	AB	DJ		C	Pulley sheet A	ﾌﾟｰﾘｰﾏｲﾗｰA
52	DHAi-2256FCZZ	AE	DS		C	PFS harness (Export)	PFSﾊｰﾈｽ
53	TLABZ3417FCZZ	AB	DJ		C	Number label L	NOﾗﾍﾞﾙL
54	PSHEP3513FCZZ	AB	DJ		C	Delivery assistance sheet	ﾊｲｼﾎｼﾞｮｼｰﾄ

17 排紙部 (Discharge section)

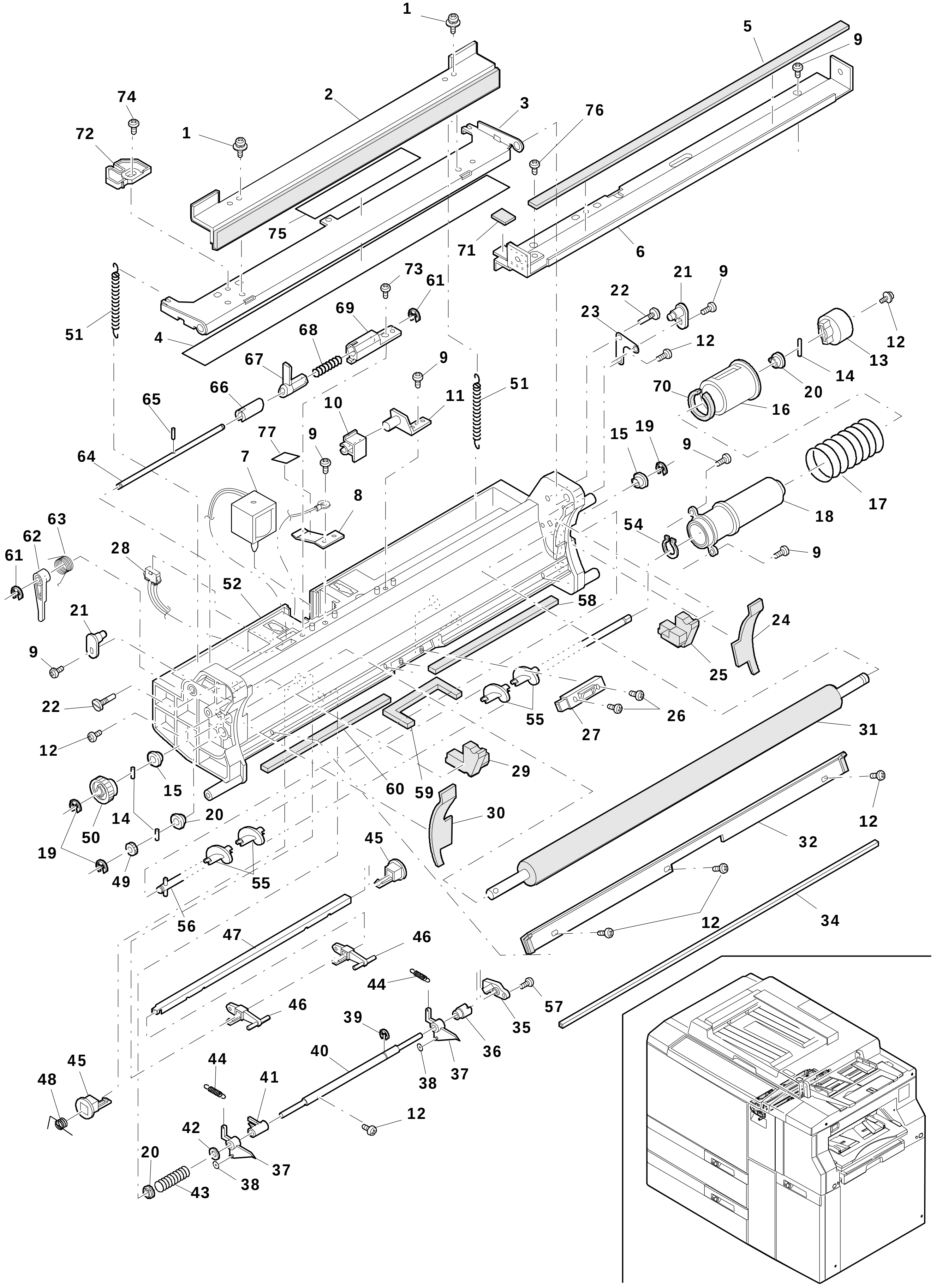


FCP01856

18 ｸﾘｰﾅｰ部 (Cleaner section)

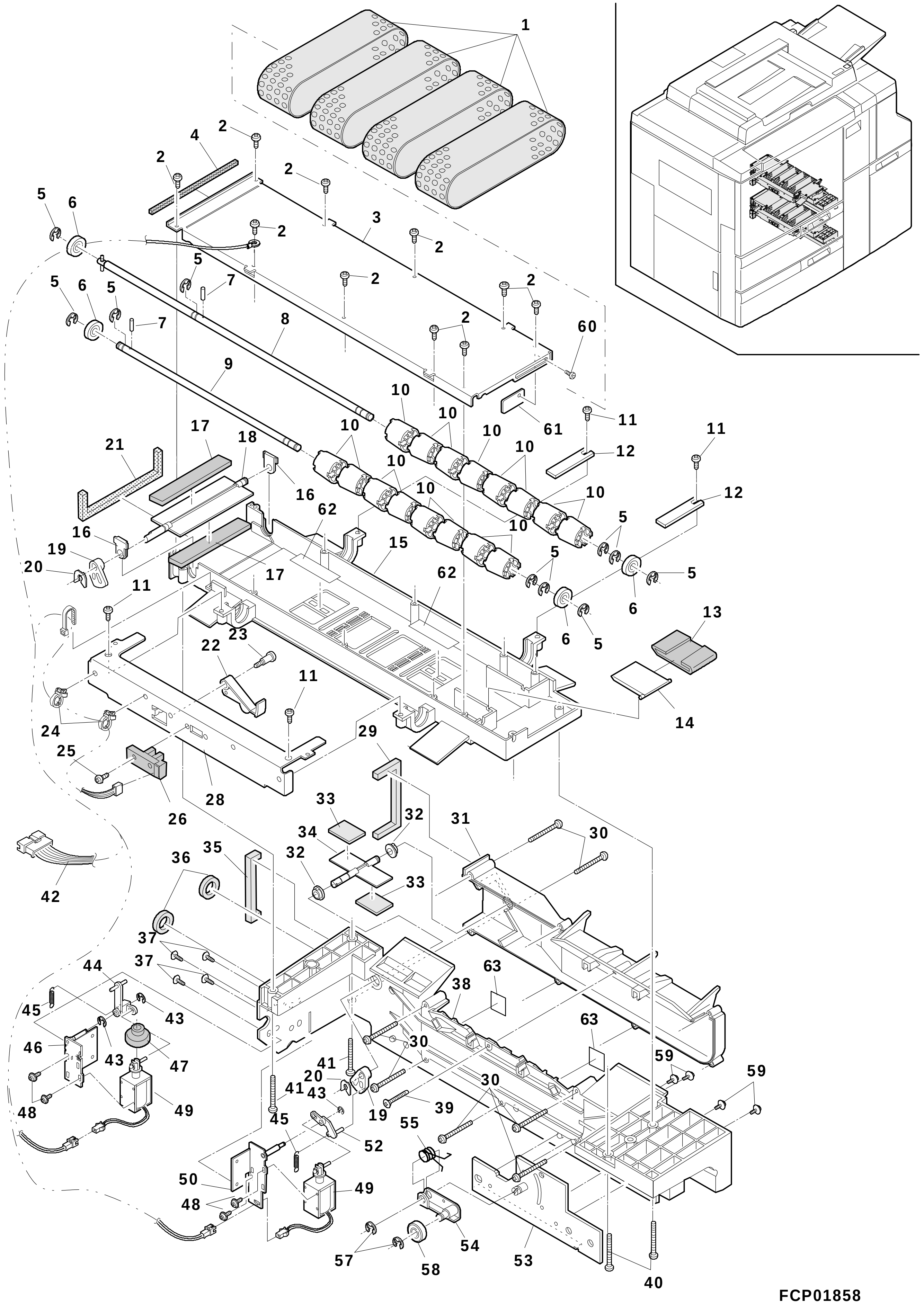
NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	LX-BZ0334FCZZ	AA	DD		C	Screw (4 × 8KS)(Blue)	ﾋﾞｽ
2	UCLEZ0125FCZZ	AW	FG		C	Cleaning blade	ｸﾘﾆﾝｸﾞﾌﾞﾚｰﾄﾞ
3	LPLTM4303FCZZ	AM	EQ		C	Blade fixing plate	ﾌﾞﾚｰﾄﾞﾄﾘﾂｹｲﾀ
4	PSHEP3294FCZZ	AC	DJ		C	Main seal sheet	ﾒｲﾝｼｰﾙﾏｲﾗｰ
5	PMLT-0893FCZZ	AC	DJ		C	Main seal cushion	ﾒｲﾝｼｰﾙﾓﾙﾄ
6	CPLTM4305FC01	AN	EQ		C	Cleaner reinforce plate	ｸﾘｰﾅﾎｷｮｳﾊﾞﾝ
7	RPLU-0288FCZZ	AS	EZ		B	Drum pawl solenoid	ﾄﾞﾗﾑﾂﾒｿﾚﾉｲﾄﾞ
8	MSPRP2110FCZZ	AC	DJ		C	Process earth	ﾌﾟﾛｾｽｱｰｽｽﾌﾟﾘﾝｸﾞ
9	XEBSD40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
10	LSTPP0291FCZZ	AD	DJ		C	Blade lock stopper A	ﾌﾞﾚｰﾄﾞﾛｯｸｽﾄｯﾊﾟｰA
11	LSTPP0292FCZZ	AC	DJ		C	Blade lock stopper B	ﾌﾞﾚｰﾄﾞﾛｯｸｽﾄｯﾊﾟｰB
12	XBBSD30P06000	AA	DD		C	Screw (3 × 6)	ﾋﾞｽ
13	NCPL-0020FCZZ	AC	DJ		C	Cleaner drive cup ring	ｸﾘｰﾅｰｸﾄﾞｳｶｯﾌﾟﾘﾝｸﾞ
14	LPiNS0165FCZZ	AB	DD		C	Pin (φ2-8)	ﾍｲｺｳﾋﾟﾝ
15	NBRGC0173FCZZ	AE	DS		B	Cleaner shaft bearing	ｸﾘｰﾅｰｼﾞｸｳｹ
16	PSHT-0059FCZZ	AD	DJ		C	Cleaner shutter	ｸﾘｰﾅｰｼｬｯﾀｰ
17	MSPRC1753FCZZ	AC	DD		C	Shutter spring	ｼｬｯﾀｰｽﾌﾟﾘﾝｸﾞ
18	PPiPP0168FCZZ	AE	DS		C	Cleaner pipe	ｸﾘｰﾅｰﾊﾟｲﾌﾟ
19	XRESP40-06000	AA	DD		C	E type ring (4mm)	Eﾘﾝｸﾞ
20	NBRGP0322FCZZ	AC	DD		B	Bearing MX	ﾍﾞｱﾘﾝｸﾞ MX
21	CPLTM4304FC01	AH	DX		C	Blade fulcrum plate	ﾌﾞﾚｰﾄﾞｼﾃﾝｲﾀ
22	LX-BZ0678FCZZ	AB	DD		C	Screw	ﾋﾞｽ
23	QEARP0062FCZZ	AD	DJ		C	Cleaner earth plate	ｸﾘｰﾅｰｱｰｽﾊﾞﾝ
24	PSEL-0531FCZZ	AE	DS		C	Side seal R	ｻｲﾄﾞｼｰﾙR
25	PMLT-0895FCZZ	AA	DJ		C	Side cushion R	ｻｲﾄﾞﾓﾙﾄR
26	XBBSD30P10000	AA	DD		C	Screw (3 × 10)	ﾋﾞｽ
27	VHPGP4S09//-1	AT	FG		B	Process control sensor (GP4S09)	ﾌﾟﾛｾｽｾｲｷﾞｮｾﾝｻｰ
28	DHAi-2158FCZZ	AG	DX		C	PCS interface harness	PCSﾁｭｳｹｲﾊｰﾈｽ
29	PMLT-0894FCZZ	AA	DJ		C	Side cushion F	ｻｲﾄﾞﾓﾙﾄF
30	PSEL-0530FCZZ	AE	DS		C	Side seal F	ｻｲﾄﾞｼｰﾙF
31	NRŌLZ0978FCZZ	BD	GN		C	Brush roller	ﾌﾞﾗｼﾛｰﾗｰ
32	PSEL-0521FCZZ	AS	EZ		C	Toner holder seal	ﾄﾅｰｳｹｼｰﾙ
34	PBARM0043FCZZ	AN	EQ		C	Bar	ﾌﾘﾂｶｰﾊﾞｰ
35	NBRGP0423FCZZ	AD	DJ		B	Bearing for pawl	ﾂﾒﾖｳｼﾞｸｳｹ
36	CCLR-0350FC01	AQ	EZ		C	Slide housing collar	ｽﾗｲﾄﾞﾊｳｼﾞﾝｸﾞｶﾗｰ
37	PTME-0227FCZZ	AK	EB		S	Drum pawl	ﾄﾞﾗﾑﾂﾒ
38	LX-WZ0310FCZZ	AB	DD		C	Washer	ﾜｯｼｬ
39	XRESP50-06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
40	NSFTZ1922FCZZ	AM	EG		C	Drum pawl shaft	ﾄﾞﾗﾑﾂﾒｼｬﾌﾄ
41	MLEVP0622FCZZ	AF	DX		C	Drum pawl rotation lever	DRﾂﾒｶｲﾃﾝﾚﾊﾞｰ
42	LX-WZ0139FCZZ	AA	DD		C	Washer (φ5-12)	ﾜｯｼｬ
43	MSPRC2155FCZZ	AB	DJ		C	DR slide spring	DRｽﾗｲﾄﾞｽﾌﾟﾘﾝｸﾞ
44	MSPRT2059FCZZ	AD	DS		C	Drum pawl spring	ﾄﾞﾗﾑﾂﾒｽﾌﾟﾘﾝｸﾞ
45	NBRGP0473FCZZ	AC	DJ		B	DR pawl drive bearing	DRﾂﾒｸﾄﾞｳｼﾞｸｳｹ
46	MLEVP0621FCZZ	AF	DX		C	DR pawl drive lever	DRﾂﾒｸﾄﾞｳﾚﾊﾞｰ
47	LPLTM4306FCZZ	AE	DS		C	DR pawl drive shaft plate	DRﾂﾒｸﾄﾞｳｼﾞｸｲﾀ
48	MSPRC2060FCZZ	AB	DJ		C	Drum pawl return spring	ﾄﾞﾗﾑﾂﾒﾌｯｷｽﾌﾟﾘﾝｸﾞ
49	NGERH0496FCZZ	AD	DJ		C	Gear (16T)	ｷﾞﾔｰ
50	NGERH0930FCZZ	AE	DS		C	Brush roller gear (30T)	ﾌﾞﾗｼﾛｰﾗｰｷﾞﾔｰ30T
51	MSPRT2058FCZZ	AC	DJ		C	Blade pressure spring	ﾌﾞﾚｰﾄﾞｶｱﾂﾊﾞﾈ
52	PCASZ0247FCZZ	AZ	FX		C	Cleaner housing	ｸﾘｰﾅﾊｳｼﾞﾝｸﾞ
54	PRNGP0025FCZZ	AA	DD		C	G type ring (GTW-5)	Gﾘﾝｸﾞ
55	NSRW-0025FCZZ	AC	DJ		C	Toner screw	ﾄﾅｰｽｸﾘｭｰ
56	CSFTZ1921FC51	AQ	EQ		E	Screw shaft unit	ｽｸﾘｭｰｼｬﾌﾄﾕﾆｯﾄ
57	XEBSD30P08000	AA	DD		C	Screw (3 × 8)	ﾋﾞｽ
58	PSHEP3519FCZZ	AN	EQ		C	Toner hold plate R	ﾄﾅｰｳｹﾏｲﾗｰR
59	PSHEP3517FCZZ	AK	EB		C	Toner hold plate C	ﾄﾅｰｳｹﾏｲﾗｰC
60	PSHEP3518FCZZ	AN	EQ		C	Toner hold plate F	ﾄﾅｰｳｹﾏｲﾗｰF
61	XRESP30-06000	AA	DD		C	E type ring (3mm)	Eﾘﾝｸﾞ
62	CARMP0174FC01	AT	FG		C	CL arm	CLﾖｳﾄﾞｳｱｰﾑ
63	MSPRC2148FCZZ	AB	DJ		C	CL arm spring	CLﾖｳﾄﾞｳｱｰﾑﾌｯｷｽﾌﾟﾘﾝｸﾞ
64	NSFTZ2026FCZZ	AG	DX		C	CL shaft	CLﾖｳﾄﾞｳｼﾞｸ
65	XPSSJ20-08000	AA	DD		C	Spring pin (φ2-8)	ｽﾌﾟﾘﾝｸﾞﾋﾟﾝ
66	MCAMP0090FCZZ	AC	DJ		C	CL cam A	CLﾖｳﾄﾞｳｶﾑA
67	MCAMP0091FCZZ	AC	DJ		C	CL cam B	CLﾖｳﾄﾞｳｶﾑB
68	MSPRC2147FCZZ	AB	DJ		C	CL spring	CLﾖｳﾄﾞｳｽﾌﾟﾘﾝｸﾞ
69	LHLDZ1174FCZZ	AC	DJ		C	CL holder	CLﾖｳﾄﾞｳﾊｳｼﾞﾝｸﾞ
70	PMLT-0917FCZZ	AG	DX		C	CL shutter cushion	CLｼｬｯﾀｰﾓﾙﾄ
71	PSHEZ3457FCZZ	AM	EG		C	CL brake sheet	CLﾖｳﾄﾞｳﾌﾞﾚｰｷﾊﾟｯﾄ
72	LPLTP4512FCZZ	AD	DJ		C	CL plate	CLﾖｳﾄﾞｳｲﾀ
73	XEBSD40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
74	LX-BZ0260FCZZ	AA	DD		C	Screw (4 × 8SW/W)(Red)	ﾋﾞｽ
75	TLABZ3456FCZZ	AB	DJ		C	Blade lock label	ﾌﾞﾚｰﾄﾞﾛｯｸﾗﾍﾞﾙ
76	LX-BZ0586FCZZ	AA	DD		C	Screw	ﾋﾞｽ
77	PTPE-0094FCZZ	AK	EB		C	Tape	ﾃｰﾌﾟ
	ﾕﾆｯﾄ (Unit)						
901	CCASZ0247FC51	BX	TF		E	Cleaner unit	ｸﾘｰﾅｰﾕﾆｯﾄ

18 ｸﾘｰﾅｰ部 (Cleaner section)



FCP01857

19 第2,3給紙部 (2nd,3rd paper feeding section)



FCP01858

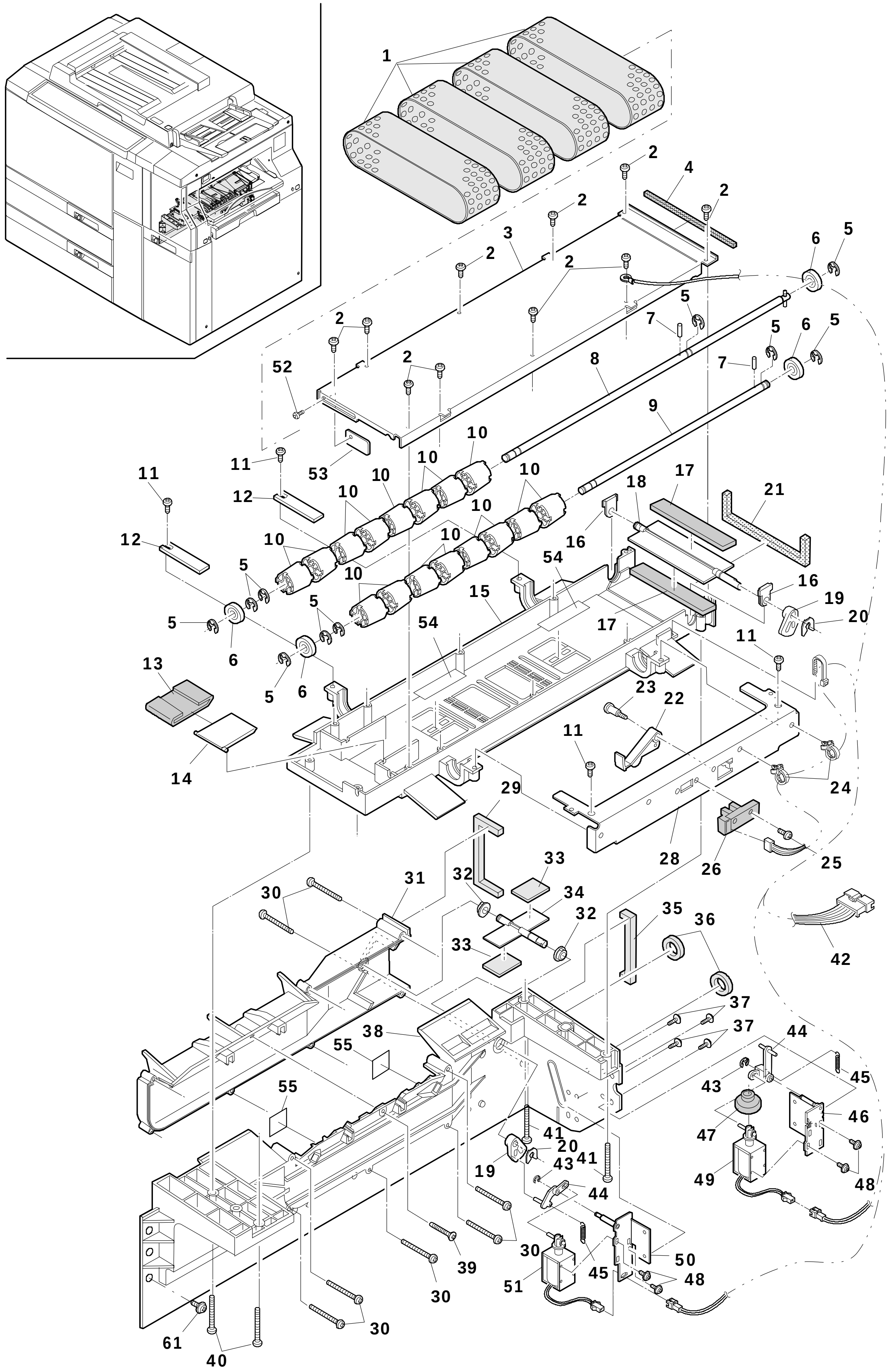
19 第2,3給紙部 (2nd,3rd paper feeding section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	CBLTH0130FC31	AU	FQ		B	Paper feeding belt unit	ｷｭｳｼﾍﾞﾙﾄﾕﾆｯﾄ
2	XEBSD30P10000	AA	DD		C	Screw (3 X 10)	ﾋﾞｽ
3	PCŌVP1169FCZZ	AM	EG		C	Vacuum duct cover	ｽｲｺﾐﾀﾞｸﾄｶﾊﾞｰ
4	PGUMS0208FCZZ	AB	DD		C	Vacuum duct joint rubber A	ｽｲｺﾐﾀﾞｸﾄﾚﾝｹﾂｺﾞﾑA
5	XRESP70−08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
6	NBRGY0558FCZZ	AF	DS		B	Bearing (φ 8-22)	ﾍﾞｱﾘﾝｸﾞ
7	LPiNS0096FCZZ	AB	DD		C	Pin (φ 3-12)	ﾍｲｺｳﾋﾟﾝ
8	CSFTZ1888FC61	AQ	EQ		E	Paper feeding belt drive shaft unit	ｷｭｳｼﾍﾞﾙﾄｸﾄﾞｳｼﾞｸﾕﾆｯﾄ
9	NSFTZ1414FCZZ	AK	EB		C	Paper feeding belt shaft	ｷｭｳｼﾍﾞﾙﾄｼﾞｸ
10	NRŌLP0755FCZZ	AB	DD		C	PF belt drive roller	ｷｭｳｼﾍﾞﾙﾄｸﾄﾞｳﾛｰﾗｰ
11	XEBSD40P12000	AA	DD		C	Screw (4 X 12)	ﾋﾞｽ
12	LFiX−0371FCZZ	AB	DD		C	Bearing fixing plate	ｼﾞｸｳｹｵｻｴ
13	PCUSS0242FCZZ	AB	DD		C	Valve cushion	ﾘﾘｰﾌﾊﾞﾙﾌﾞｸｯｼｮﾝ
14	PVLV−0004FCZZ	AC	DJ		C	Valve	ﾘﾘｰﾌﾊﾞﾙﾌﾞ
15	PDUC−0072FCZ1	AT	EZ		D	Vacuum duct	ｽｲｺﾐﾀﾞｸﾄ
16	NBRGP0471FCZZ	AC	DJ		B	Vacuum valve bearing	ｽｲｺﾐﾊﾞﾙﾌﾞｼﾞｸｳｹ
17	PGUMS0235FCZZ	AB	DJ		C	Vacuum valve rubber	ｽｲｺﾐﾊﾞﾙﾌﾞｺﾞﾑ
18	PVLVA0008FCZZ	AF	DX		C	Vacuum valve	ｽｲｺﾐﾊﾞﾙﾌﾞ
19	MARMP0154FCZZ	AC	DJ		C	BLB arm A	BLBｶﾄﾞｳｱｰﾑA
20	PRNGP0081FCZZ	AA	DJ		C	Ring (E4)	E4ｼﾞｭｼｾｲﾘﾝｸﾞ
21	PGUMS0209FCZZ	AC	DD		C	Vacuum duct joint rubber B	ｽｲｺﾐﾀﾞｸﾄﾚﾝｹﾂｺﾞﾑB
22	MLEVP0514FCZZ	AC	DJ		C	Lever	ｼﾞｮｳｹﾞﾝﾘﾐｯﾄｱｸﾁｭｴｰﾀｰ
23	LX−BZ0163FCZZ	AB	DD		C	Screw	ﾋﾞｽ
24	LBNDJ0013FCZZ	AA	DD		C	Wire band	ﾜｲﾔｰﾊﾞﾝﾄﾞ
25	XBPSD40P12K00	AA	DD		C	Screw (4 X 12K)	ﾋﾞｽ
26	VHPGP3A38//−1	AH	DX		B	Photo transistor (GP3A38)	ﾌｫﾄﾄﾗﾝｼﾞｽﾀｰ
28	LPLTM3353FCZZ	AL	EB		C	Rimit switch fixing plate	ﾘﾐｯﾄｽｲｯﾁﾄﾘﾂｹｲﾀ
29	PGUMS0232FCZZ	AB	DJ		C	Blow joint rubber B	ﾌｷﾀﾞｼﾚﾝｹﾂｺﾞﾑ B
30	XEBSD30P30000	AA	DD		C	Screw (3 X 30)	ﾋﾞｽ
31	PDUC−0071FCZZ	AQ	EQ		D	Blow duct 1000B	ﾌｷﾀﾞｼﾀﾞｸﾄ1000B
32	NBRGC0188FCZZ	AB	DD		B	PF bearing	PFｼﾞｸｳｹ
33	PGUMS0234FCZZ	AA	DJ		C	Blow valve rubber	ﾌｷﾀﾞｼﾊﾞﾙﾌﾞｺﾞﾑ
34	PVLVA0007FCZZ	AE	DS		C	Blow valve	ﾌｷﾀﾞｼﾊﾞﾙﾌﾞ
35	PGUMS0231FCZZ	AB	DJ		C	Blow joint rubber A	ﾌｷﾀﾞｼﾚﾝｹﾂｺﾞﾑ A
36	PGUMS0233FCZZ	AB	DJ		C	Blow joint rubber C	ﾌｷﾀﾞｼﾚﾝｹﾂｺﾞﾑ C
37	XHBSD40P08000	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
38	PDUC−0070FCZZ	AZ	FX		D	Blow duct 1000A	ﾌｷﾀﾞｼﾀﾞｸﾄ1000A
39	XEBSD30P16000	AA	DD		C	Screw (3 X 16)	ﾋﾞｽ
40	XEBSD40P16000	AA	DD		C	Screw (4 X 16)	ﾋﾞｽ
41	XEBSD40P30000	AA	DD		C	Screw (4 X 30)	ﾋﾞｽ
42	DHAi−2162FCZZ	AR	EZ		C	Air paper feeding 2,3 harness	ｴｱｰｷｭｳｼ2.3ﾊｰﾈｽ
43	XRESP30−04000	AA	DD		C	E type ring (3mm)	Eﾘﾝｸﾞ
44	MARMP0155FCZZ	AC	DJ		C	BLB arm B	BLBｶﾄﾞｳｱｰﾑB
45	MSPRT2038FCZZ	AD	DJ		C	Valve spring	ﾊﾞﾙﾌﾞｶﾄﾞｳｽﾌﾟﾘﾝｸﾞ
46	CPLTM4254FC01	AK	EB		C	Vacuum S fixing plate 1000	ｽｲｺﾐSﾄﾘﾂｹｲﾀ1000
47	PCŌVM1079FCZZ	AD	DJ		C	Solenoid rubber cover	ｿﾚﾉｲﾄﾞｺﾞﾑｶﾊﾞｰ
48	XBPSD30P06KS0	AA	DD		C	Screw (3 X 6KS)	ﾋﾞｽ
49	RPLU−0292FCZZ	AT	EZ		B	Paper feeding solenoid B	ｷｭｳｼｿﾚﾉｲﾄﾞ B
50	CPLTM4252FC01	AK	EB		C	Blow S fixing plate 1000	ﾌｷﾀﾞｼSﾄﾘﾂｹｲﾀ1000
52	MARMP0156FCZZ	AC	DJ		C	BLB arm C	BLBｶﾄﾞｳｱｰﾑC
53	CPLTM4396FC01	AK	EB		C	Lock arm fixing plate 1000	ﾛｯｸｱｰﾑﾄﾘﾂｹｲﾀ1000
54	CPLTM1510FC08	AG	DX		C	Tray tension plate	ﾄﾚｲﾃﾝｼｮﾝﾊﾞﾝ
55	MSPRC2039FCZZ	AD	DJ		C	Lock spring 1000	ﾛｯｸｽﾌﾟﾘﾝｸﾞ
57	XRESP70−08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
58	NRŌLR1047FCZZ	AK	EB		C	Tray lock roller	ﾄﾚｲﾛｯｸﾛｰﾗｰ
59	LX−BZ0527FCZZ	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
60	XBPSD40P05000	AA	DD		C	Screw (4 X 5)	ﾋﾞｽ
61	LPLTM4474FCZZ	AC	DJ		C	Vacuum adjusting plate	ｽｲｺﾐﾁｮｳｾｲｲﾀ
62	PSHEP3535FCZZ	AN	EQ		C	Vacuum duct sheet	ｽｲｺﾐﾀﾞｸﾄﾘﾌﾞﾏｲﾗｰ
63	PSHEZ3536FCZZ	AA	DJ		C	Duct sheet A	ﾀﾞｸﾄﾏｲﾗｰ A
	ﾕﾆｯﾄ (Unit)						
901	DUNT−6615FC50	BX	TF		E	Air paper feeding unit(1000 sheet)	ｴｱｰｷｭｳｼﾕﾆｯﾄ 1000

20 第１給紙部 (1st paper feeing section)

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION	
1	CBLTH0130FC31	AU	FQ		B	Paper feeding belt unit	ｷｭｳｼﾍﾞﾙﾄﾕﾆｯﾄ
2	XEBSD30P10000	AA	DD		C	Screw (3 X 10)	ﾋﾞｽ
3	PCŌVP1169FCZZ	AM	EG		C	Vacuum duct cover	ｽｲｺﾐﾀﾞｸﾄｶﾊﾞｰ
4	PGUMS0208FCZZ	AB	DD		C	Vacuum duct joint rubber A	ｽｲｺﾐﾀﾞｸﾄﾚﾝｹﾂｺﾞﾑA
5	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
6	NBRGY0558FCZZ	AF	DS		B	Bearing (φ8-22)	ﾍﾞｱﾘﾝｸﾞ
7	LPiNS0096FCZZ	AB	DD		C	Pin (φ3-12)	ﾍｲｺｳﾋﾟﾝ
8	CSFTZ1888FC61	AQ	EQ		E	Paper feeding belt drive shaft unit	ｷｭｳｼﾍﾞﾙﾄｸﾄﾞｳｼﾞｸﾕﾆｯﾄ
9	NSFTZ1414FCZZ	AK	EB		C	Paper feeding belt shaft	ｷｭｳｼﾍﾞﾙﾄｼﾞｸ
10	NRŌLP0755FCZZ	AB	DD		C	PF belt drive roller	ｷｭｳｼﾍﾞﾙﾄｸﾄﾞｳﾛｰﾗｰ
11	XEBSD40P12000	AA	DD		C	Screw (4 X 12)	ﾋﾞｽ
12	LFiX-0371FCZZ	AB	DD		C	Bearing fixing plate	ｼﾞｸｳｹｵｻｴ
13	PCUSS0242FCZZ	AB	DD		C	Valve cushion	ﾘﾘｰﾌﾊﾞﾙﾌﾞｸｯｼｮﾝ
14	PVLV-0004FCZZ	AC	DJ		C	Valve	ﾘﾘｰﾌﾊﾞﾙﾌﾞ
15	PDUC-0072FCZ1	AT	EZ		D	Vacuum duct	ｽｲｺﾐﾀﾞｸﾄ
16	NBRGP0471FCZZ	AC	DJ		B	Vacuum valve bearing	ｽｲｺﾐﾊﾞﾙﾌﾞｼﾞｸｳｹ
17	PGUMS0235FCZZ	AB	DJ		C	Vacuum valve rubber	ｽｲｺﾐﾊﾞﾙﾌﾞｺﾞﾑ
18	PVLVA0008FCZZ	AF	DX		C	Vacuum valve	ｽｲｺﾐﾊﾞﾙﾌﾞ
19	MARMP0154FCZZ	AC	DJ		C	BLB arm A	BLBｶﾄﾞｳｱｰﾑA
20	PRNGP0081FCZZ	AA	DJ		C	Ring (E4)	E4ｼﾞｭｼｾｲﾘﾝｸﾞ
21	PGUMS0209FCZZ	AC	DD		C	Vacuum duct joint rubber B	ｽｲｺﾐﾀﾞｸﾄﾚﾝｹﾂｺﾞﾑB
22	MLEVP0514FCZZ	AC	DJ		C	Lever	ｼﾞｮｳｹﾞﾝﾘﾐｯﾄｱｸﾁｭｴｰﾀｰ
23	LX-BZ0163FCZZ	AB	DD		C	Screw	ﾋﾞｽ
24	LBNDJ0013FCZZ	AA	DD		C	Wire band	ﾜｲﾔｰﾊﾞﾝﾄﾞ
25	XBPSD40P12K00	AA	DD		C	Screw (4 X 12K)	ﾋﾞｽ
26	VHPGP3A38//-1	AH	DX		B	Photo transistor (GP3A38)	ﾌｫﾄﾄﾗﾝｼﾞｽﾀｰ
28	LPLTM3353FCZZ	AL	EB		C	Rimit switch fixing plate	ﾘﾐｯﾄｽｲｯﾁﾄﾘﾂｹｲﾀ
29	PGUMS0232FCZZ	AB	DJ		C	Blow joint rubber B	ﾌｷﾀﾞｼﾚﾝｹﾂｺﾞﾑB
30	XEBSD30P30000	AA	DD		C	Screw (3 X 30)	ﾋﾞｽ
31	PDUC-0069FCZZ	AQ	EQ		D	Blow duct 2000B	ﾌｷﾀﾞｼﾀﾞｸﾄ2000B
32	NBRGC0188FCZZ	AB	DD		B	PF bearing	PFｼﾞｸｳｹ
33	PGUMS0234FCZZ	AA	DJ		C	Blow valve rubber	ﾌｷﾀﾞｼﾊﾞﾙﾌﾞｺﾞﾑ
34	PVLVA0007FCZZ	AE	DS		C	Blow valve	ﾌｷﾀﾞｼﾊﾞﾙﾌﾞ
35	PGUMS0231FCZZ	AB	DJ		C	Blow joint rubber A	ﾌｷﾀﾞｼﾚﾝｹﾂｺﾞﾑA
36	PGUMS0233FCZZ	AB	DJ		C	Blow joint rubber C	ﾌｷﾀﾞｼﾚﾝｹﾂｺﾞﾑC
37	XHBSD40P08000	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
38	PDUC-0068FCZZ	AZ	FX		D	Blow duct 2000A	ﾌｷﾀﾞｼﾀﾞｸﾄ2000A
39	XEBSD30P16000	AA	DD		C	Screw (3 X 16)	ﾋﾞｽ
40	XEBSD40P20000	AA	DD		C	Screw (4 X 20)	ﾋﾞｽ
41	XEBSD40P30000	AA	DD		C	Screw (4 X 30)	ﾋﾞｽ
42	DHAi-2163FCZZ	AQ	EQ		C	Paper feeding 1 harness	ｷｭｳｼ1ﾊｰﾈｽ
43	XRESP30-04000	AA	DD		C	E type ring (3mm)	Eﾘﾝｸﾞ
44	MARMP0155FCZZ	AC	DJ		C	BLB arm B	BLBｶﾄﾞｳｱｰﾑB
45	MSPRT2038FCZZ	AD	DJ		C	Valve spring	ﾊﾞﾙﾌﾞｶﾄﾞｳｽﾌﾟﾘﾝｸﾞ
46	CPLTM4253FC01	AK	EB		C	Vacuum S fixing plate 2000	ｽｲｺﾐSﾄﾘﾂｹｲﾀ2000
47	PCŌVM1079FCZZ	AD	DJ		C	Solenoid rubber cover	ｿﾚﾉｲﾄﾞｺﾞﾑｶﾊﾞｰ
48	XBPSD30P06KS0	AA	DD		C	Screw (3 X 6KS)	ﾋﾞｽ
49	RPLU-0292FCZZ	AT	EZ		B	Paper feeding solenoid	ｷｭｳｼｿﾚﾉｲﾄﾞB
50	CPLTM4251FC01	AK	EB		C	Blow S fixing plate 2000	ﾌｷﾀﾞｼSﾄﾘﾂｹｲﾀ2000
51	RPLU-0285FCZZ	AS	EZ		B	Paper feeding solenoid A	ｷｭｳｼｿﾚﾉｲﾄﾞA
52	XBPSD40P05000	AA	DD		C	Screw (4 X 5)	ﾋﾞｽ
53	LPLTM4474FCZZ	AC	DJ		C	Vacuum adjusting plate	ｽｲｺﾐﾁｮｳｾｲｲﾀ
54	PSHEP3535FCZZ	AN	EQ		C	Vacuum duct sheet	ｽｲｺﾐﾀﾞｸﾄﾘﾌﾞﾏｲﾗｰ
55	PSHEZ3536FCZZ	AA	DJ		C	Duct sheet A	ﾀﾞｸﾄﾏｲﾗｰA
61	XHBSE40P10000	AA	DD		C	Screw (4 X 10)	ﾋﾞｽ
	ﾕﾆｯﾄ (Unit)						
901	DUNT-6614FC50	BW	RR		E	Air paper feeding unit(2000 sheet)	ｴｱｰｷｭｳｼﾕﾆｯﾄ 2000

20 第１給紙部 (1st paper feeing section)



FCP01859

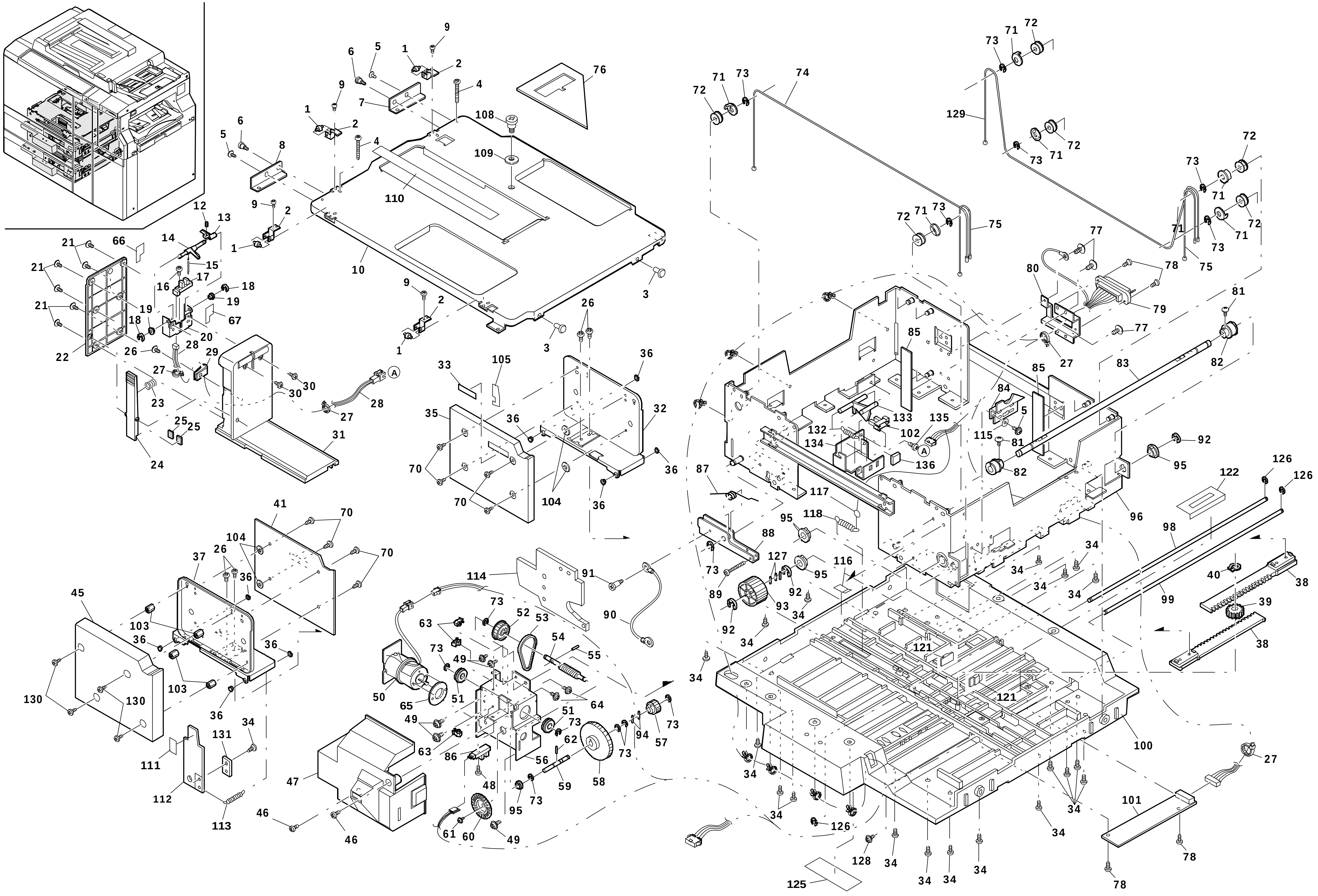
21 第2,3給紙ﾄﾚｲ部 (2nd,3rd paper feeding tray section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	PCLR-0308FCZZ	AB	DD		C	Protection collar	ﾎﾞｳｼﾝｺﾛ
2	LPLTM4341FCZZ	AE	DS		C	Collar fixing plate	ｺﾛﾄﾘﾂｹﾊﾞﾝ
3	LX-LZ0022FCZZ	AB	DD		C	Rivet	ﾘﾍﾞｯﾄ
4	XBPSF40P22000	AA	DD		C	Screw (4×22)	ﾋﾞｽ
5	LX-BZ0260FCZZ	AA	DD		C	Screw (4×8SW/W)(Red)	ﾋﾞｽ
6	LX-BZ0285FCZZ	AB	DD		C	Screw	ﾋﾞｽ
7	LPLTM4349FCZZ	AD	DJ		C	Wire fix plate R	ﾜｲﾔﾄﾒﾌﾟﾚｰﾄR
8	LPLTM4350FCZZ	AD	DJ		C	Wire fix plate F	ﾜｲﾔﾄﾒﾌﾟﾚｰﾄF
9	LX-BZ3004SC0M	AA	DD		C	Screw (3×4)	ﾋﾞｽ
10	LSŌU-0111FCZ3	BA	FX		C	1000 tray	1000ﾄﾚｲ
12	LX-BZ0698FCZZ	AC	DJ		C	Screw (3×8)	ﾑｼﾋﾞｽ
13	LPLTP4413FCZ1	AF	DS		C	Plate	ｼﾞｮｳｹﾞﾝｾﾝｲﾀ
14	MLEVP0629FCZ1	AH	EB		C	Lever	ｼﾞｮｳｹﾞﾝｱｸﾁｭｴｰﾀｰ
15	MSPRT2071FCZ1	AB	DJ		C	Spring	ｼﾞｮｳｹﾞﾝｽﾌﾟﾘﾝｸﾞ
16	XBBSD40P10000	AA	DD		C	Screw (4×10)	ﾋﾞｽ
17	VHPGP3A38／／-1	AH	DX		B	Photo transistor (GP3A38)	ﾌｫﾄﾄﾗﾝｼﾞｽﾀｰ
18	XRESP20-04000	AA	DD		C	E type ring (2mm)	Eﾘﾝｸﾞ
19	NRŌLM1016FCZZ	AB	DJ		C	Roller with flange	ﾌﾗﾝｼﾞﾂｷﾛｰﾗｰ
20	LBRC-0051FCZZ	AG	DX		C	Sensor bracket	ｾﾝｻｰﾌﾞﾗｹｯﾄ
21	XEPSF30P08000	AA	DD		C	Screw (3×8)	ﾋﾞｽ
22	PCŌVP1193FCZZ	AH	DX		C	Rear plate cover	ｺｳﾀﾝﾊﾞﾝｶﾊﾞｰ
23	MSPRC2095FCZZ	AB	DJ		C	Rear plate spring	ｺｳﾀﾝﾊﾞﾝｽﾌﾟﾘﾝｸﾞ
24	MLEVP0630FCZ1	AF	DX		C	Rear plate lever	ｺｳﾀﾝﾊﾞﾝﾚﾊﾞｰ
25	PGUMS0240FCZZ	AT	EZ		C	Rear plate lever rubber	ｺｳﾀﾝﾚﾊﾞｰｺﾞﾑ
26	XEPSD40P08000	AA	DD		C	Screw (4×8)	ﾋﾞｽ
27	LBNDJ2003SCZZ	AA	DD		C	Wire fixing band (PLT1M)	ﾜｲﾔｰｺﾃｲﾊﾞﾝﾄﾞ
28	DHAi-2219FCZZ	AQ	EQ		C	TUD2,3 interface harness	TUD2,3ﾁｭｳｹｲﾊｰﾈｽ
29	LBNDJ0010FCZZ	AB	DD		C	Wire fixing band (NK-2N)	ｺｰﾄﾞﾊﾞﾝﾄﾞ
30	LX-BZ0353FCZZ	AA	DD		C	Screw (4×6)(Black)	ﾋﾞｽ
31	LPLTP4380FCZZ	AU	FG		C	1000 rear plate	1000ｺｳﾀﾝﾊﾞﾝ
32	CGiDH1459FC03	AX	FQ		C	Size guide 1000R	ｻｲｽﾞｶﾞｲﾄﾞ1000R
33	TLABZ2424FCZZ	AB	DD		C	Indicator label	ｼｼﾞｾﾝﾗﾍﾞﾙ
34	LX-BZ0222FCZZ	AA	DD		C	Screw (4×4)	ﾋﾞｽ
35	PGiDM1448FCZ1	AL	EG		C	Size guide 1000R	ｻｲｽﾞｶﾞｲﾄﾞ1000R
36	NBRGP0388FCZZ	AB	DD		B	Slide bearing	ｽﾗｲﾄﾞｼﾞｸｳｹ
37	CGiDH1459FC03	AX	FQ		C	Size guide 1000R	ｻｲｽﾞｶﾞｲﾄﾞ1000R
38	NGERR0316FCZ3	AK	EB		C	UC gear	UC ﾗｯｸ
39	NGERH0317FCZ1	AE	DS		C	Gear (18T)	ｷﾞﾔｰ
40	PRNGP0019FCZZ	AA	DD		C	V ring (GTW-6)	Vﾘﾝｸﾞ
41	PCŌVP1192FCZ2	AK	EB		C	Size guide 1000F cover	ｻｲｽﾞｶﾞｲﾄﾞ1000Fｶﾊﾞｰ
45	PGiDM1517FCZZ	AQ	EQ		C	Size guide 1000FN	ｻｲｽﾞｶﾞｲﾄﾞ1000FN
46	XBTSF40P06000	AA	DD		C	Screw (4×6)	ﾋﾞｽ
47	PCŌVP1162FCZZ	AP	EQ		C	Motor cover	ﾓｰﾀｰｶﾊﾞｰ
48	XBPSD40P12K00	AA	DD		C	Screw (4×12K)	ﾋﾞｽ
49	LX-BZ4005SC0M	AA	DD		C	Screw (4×5)	ﾋﾞｽ
50	RMŌTV0730FCZ1	BB	GD		B	Tray lift motor	ﾄﾚｲﾘﾌﾄﾓｰﾀｰ
51	NBRGY0131FCZZ	AM	EG		B	Bearing (With φ22 E ring)	ﾍﾞｱﾘﾝｸﾞ
52	NPLYZ0169FCZZ	AE	DS		C	48T pulley	48Tﾌﾟｰﾘｰ
53	NBLTH0215FCZZ	AH	DX		B	MXL70 belt	MXL70ﾍﾞﾙﾄ
54	NGERW0939FCZZ	AR	EQ		C	Worm gear	ｳｵｰﾑｷﾞﾔｰ
55	LPiNS0155FCZZ	AA	DD		C	Pin (φ3-10)	ﾍｲｺｳﾋﾟﾝ
56	LPLTM4342FCZZ	AU	FG		C	Lift motor fixing plate A	ﾘﾌﾄﾓｰﾀｰﾄﾘﾂｹｲﾀA
57	NGERH0955FCZZ	AF	DX		C	Gear (20T)	ｷﾞﾔｰ
58	NGERH0933FCZZ	AF	DX		C	Worm wheel gear (86T)	ｳｵｰﾑﾎｲｰﾙｷﾞﾔｰ86
59	NSFTZ1938FCZZ	AM	EG		C	Lift motor output shaft	ﾘﾌﾄﾓｰﾀｰｼｭﾂﾘｮｸｼﾞｸ
60	LPLTP2926FCZZ	AF	DS		C	M sensor plate	Mｾﾝｻｰｲﾀ
61	XBPSD40P08KS0	AA	DD		C	Screw (4×8KS)	ﾋﾞｽ
62	LPiNS0157FCZZ	AB	DD		C	Pin (φ3-14)	ﾍｲｺｳﾋﾟﾝ
63	LHLDW1013FCZZ	AB	DD		C	Clamp holder (YMC-10)	ﾖｺｶﾞﾀｸﾗﾝﾌﾟﾎﾙﾀﾞｰ
64	LX-BZ3006SC0M	AA	DD		C	Screw (3×6)	ﾋﾞｽ
65	PGUMS0246FCZZ	AT	EZ		C	Motor rubber	ﾓｰﾀｰﾎﾞｳｼﾝｺﾞﾑ
66	PSHEP3526FCZZ	AD	DS		C	Sensor protect sheet A	ｾﾝｻｰﾎｺﾞｼｰﾄA
67	PSHEP3527FCZZ	AC	DJ		C	Sensor protect sheet B	ｾﾝｻｰﾎｺﾞｼｰﾄB
70	LX-BZ0293FCZZ	AA	DD		C	Screw (4×8)(Black)	ﾋﾞｽ
71	PCLR-0381FCZZ	AB	DJ		C	Wire fixing collar	ﾜｲﾔｰｵｻｴｶﾗｰ
72	NPLYZ0280FCZZ	AC	DJ		C	Wire pulley	ﾜｲﾔｰﾌﾟｰﾘｰ
73	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
74	PWiR-0178FCZZ	AR	EQ		C	1000 wire F	1000ﾜｲﾔｰF
75	PWiR-0158FCZZ	AN	EQ		C	1000 wire C	1000ﾜｲﾔｰC
76	PSHEZ3307FCZ1	AP	EQ	N	C	Rear plate cover sheet	ｺｳﾀﾝｶﾊﾞｰｼｰﾄ
77	LX-BZ4005SC0M	AA	DD		C	Screw (4×5)	ﾋﾞｽ
78	XBPSF30P08000	AA	DD		C	Screw (3×8)	ﾋﾞｽ
79	DHAi-2716FCZZ	BA	FX	N	C	2.3 tray harness	2.3ﾄﾚｲﾊｰﾈｽ
80	LPLTM4345FCZZ	AF	DX		C	Drawer fixing plate A	ﾄﾞﾛｱｰﾄﾘﾂｹｲﾀA
81	LX-BZ0527FCZZ	AA	DD		C	Screw (4×8)	ﾋﾞｽ
82	NPLYZ0281FCZZ	AD	DS		C	Winder pulley	ﾏｷﾄﾘﾌﾟｰﾘｰ
83	NSFTZ1940FCZZ	AW	FG		C	Winder shaft 1000	ﾏｷﾄﾘｼﾞｸ1000
84	LPLTM4412FCZZ	AE	DS		C	Tray lock plate	ﾄﾚｲﾛｯｸﾊﾞﾝ
85	PSHEZ3329FCZZ	AF	DX		C	Tray slide sheet	ﾄﾚｲｽﾗｲﾄﾞｼｰﾄ
86	VHPGP1A22LC-1	AK	EB		B	Photo transistor (GP1A22LC)	ﾌｫﾄﾄﾗﾝｼﾞｽﾀｰ

21 第2,3給紙ﾄﾚｲ部 (2nd,3rd paper feeding tray section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
87	MSPRC2096FCZZ	AC	DJ		C	Lock spring	ﾎﾝﾀｲﾛｯｸｽﾌﾟﾘﾝｸﾞ
88	LSTPF0290FCZZ	AF	DX		C	Stopper	ﾎﾝﾀｲｽﾄｯﾊﾟｰ
89	XBPSF40P60000	AC	DJ		C	Screw (4×60)	ﾋﾞｽ
90	PWiR-0169FCZZ	AC	DJ		C	Lock release wire	ﾛｯｸｶｲｼﾞｮﾜｲﾔｰ
91	LX-BZ0021FCZZ	AA	DD		C	Screw	ﾋﾞｽ
92	XRESP50-06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
93	NGERH0954FCZZ	AF	DX		C	30T gear	30Tｷﾞﾔｰ
94	LPiNS0197FCZZ	AA	DD		C	Pin (φ3-11)	ﾍｲｺｳﾋﾟﾝ
95	NBRGC0504FCZZ	AC	DJ		B	Bearing (φ8)	ﾍﾞｱﾘﾝｸﾞ
96	CFRM-0774FC34	BF	GN		E	1000 frame A unit	1000ﾌﾚｰﾑAﾕﾆｯﾄ
98	NSFTZ2075FCZZ	AK	EB		C	Size guide slide shaft L	ｻｲｽﾞｶﾞｲﾄﾞｽﾗｲﾄﾞｼﾞｸL
99	NSFTZ2076FCZZ	AN	EQ		C	Size guide slide shaft R	ｻｲｽﾞｶﾞｲﾄﾞｽﾗｲﾄﾞｼﾞｸR
100	LSŌU-0112FCZ1	BE	GN		C	Tray	ﾄﾚｲﾎﾝﾀｲ
101	CPWBF0986FC31	AY	FQ		E	1000 tray size PWB	1000ﾄﾚｲｻｲｽﾞｷﾊﾞﾝ
102	VHPGP1A71A1-1	AG	DX		B	Photo sensor (GP1A71A1)	ﾌｫﾄｾﾝｻｰ
103	LBŌSZ1515FCZZ	AF	DX		C	SG spacer boss	SGｽﾍﾟｰｻｰﾎﾞｽ
104	PSPAZ0631FCZZ	AB	DJ		C	M5 spacer	ﾎﾟﾘｶｽﾍﾟｰｻｰ5
105	PSHEP3568FCZZ	AC	DJ		C	Side plate sheet small	ｿｸﾊﾞﾝﾏｲﾗｰ ｼｮｳ
108	LX-BZ0555FCZZ	AB	DD		C	DV S fixing screw	DVSﾄﾘﾂｹﾋﾞｽ
109	XWHNZ60-03120	AA	DD		C	Washer	ﾜｯｼｬ
110	PSHEP3486FCZZ	AM	EQ		C	Rear plate guide sheet	ｺｳﾀﾝｶﾞｲﾄﾞｼｰﾄ
111	TLABZ3461FCZZ	AB	DJ		C	Green label A	ｸﾞﾘｰﾝ91ﾗﾍﾞﾙA
112	MLEVF0726FCZZ	AL	EB	N	C	Size lock lever	ｻｲｽﾞﾛｯｸﾚﾊﾞｰ
113	MSPRC1720FCZZ	AC	DJ		C	Size guide lock spring	ｻｲｽﾞｶﾞｲﾄﾞﾛｯｸｽﾌﾟﾘﾝｸﾞ
114	PSHEP3495FCZZ	AM	EG		C	Motor sheet	ﾓｰﾀｰﾎﾞｳｼﾝｼｰﾄ
115	XWVSD50-08000	AA	DD		C	Washer	ｷｸﾜｯｼｬ
116	PSHEP3467FCZZ	AD	DJ		C	SP protect sheet B	SPﾎｺﾞｼｰﾄB
117	MSPRT2161FCZ1	AB	DJ		C	Wire collar spring	ﾜｲﾔｰｶﾗｰｽﾌﾟﾘﾝｸﾞ
118	MSPRT2160FCZ1	AC	DJ		C	Wire return spring	ﾜｲﾔｰﾘﾀｰﾝｽﾌﾟﾘﾝｸﾞ
121	PSPAZ0624FCZZ	AE	DS		C	Rack spacer	ﾗｯｸｽﾍﾟｰｻｰ
122	PCŌVP1202FCZZ	AH	EB		C	Size PWB cover	ｻｲｽﾞｷﾊﾞﾝｶﾊﾞｰ
125	PSHEP3466FCZZ	AC	DJ		C	SP protect sheet A	SPﾎｺﾞｼｰﾄA
126	XRESP40-05000	AA	DD		C	E type ring (4mm)	Eﾘﾝｸﾞ
127	LPiNS0288FCZZ	AB	DJ		C	Pin (φ3-10.6)	ﾍｲｺｳﾋﾟﾝ
128	XBPSD30P08KS0	AA	DD		C	Screw (3×8KS)	ﾋﾞｽ
129	PWiR-0177FCZZ	AS	EQ		C	1000 tray wire E	1000ﾄﾚｲﾜｲﾔｰE
130	XBTSF40P06000	AA	DD		C	Screw (4×6)	ﾋﾞｽ
131	LPLTM5033FCZZ	AG	DS	N	C	Size lock plate	ｻｲｽﾞﾛｯｸﾌﾟﾚｰﾄ
132	MSPRT1146FCZZ	AA	DD		C	Separator spring	ﾊｸﾘｽﾌﾟﾘﾝｸﾞ
133	MLEVP0696FCZZ	AE	DS	N	C	Tray lever	ﾄﾚｲｶｹﾞﾝｱｸﾁｭｴｰﾀｰ
134	LPLTM5241FCZZ	AE	DS	N	C	Sensor fixing plate	ｾﾝｻｰﾄﾘﾂｹﾊﾞﾝ
135	XBBSD40P06000	AA	DD		C	Screw (4×6)	ﾋﾞｽ
136	PMLT-1120FCZZ	AB	DJ		C	1000 cushion	1000ｶｹﾞﾝﾓﾙﾄ
	ﾕﾆｯﾄ (Unit)						
901	DUNT-6619FC15	CG	UM	N	E	1000 tray unit	1000 ﾄﾚｲﾕﾆｯﾄ

21 第2,3給紙ﾄﾚｲ部 (2nd,3rd paper feeding tray section)

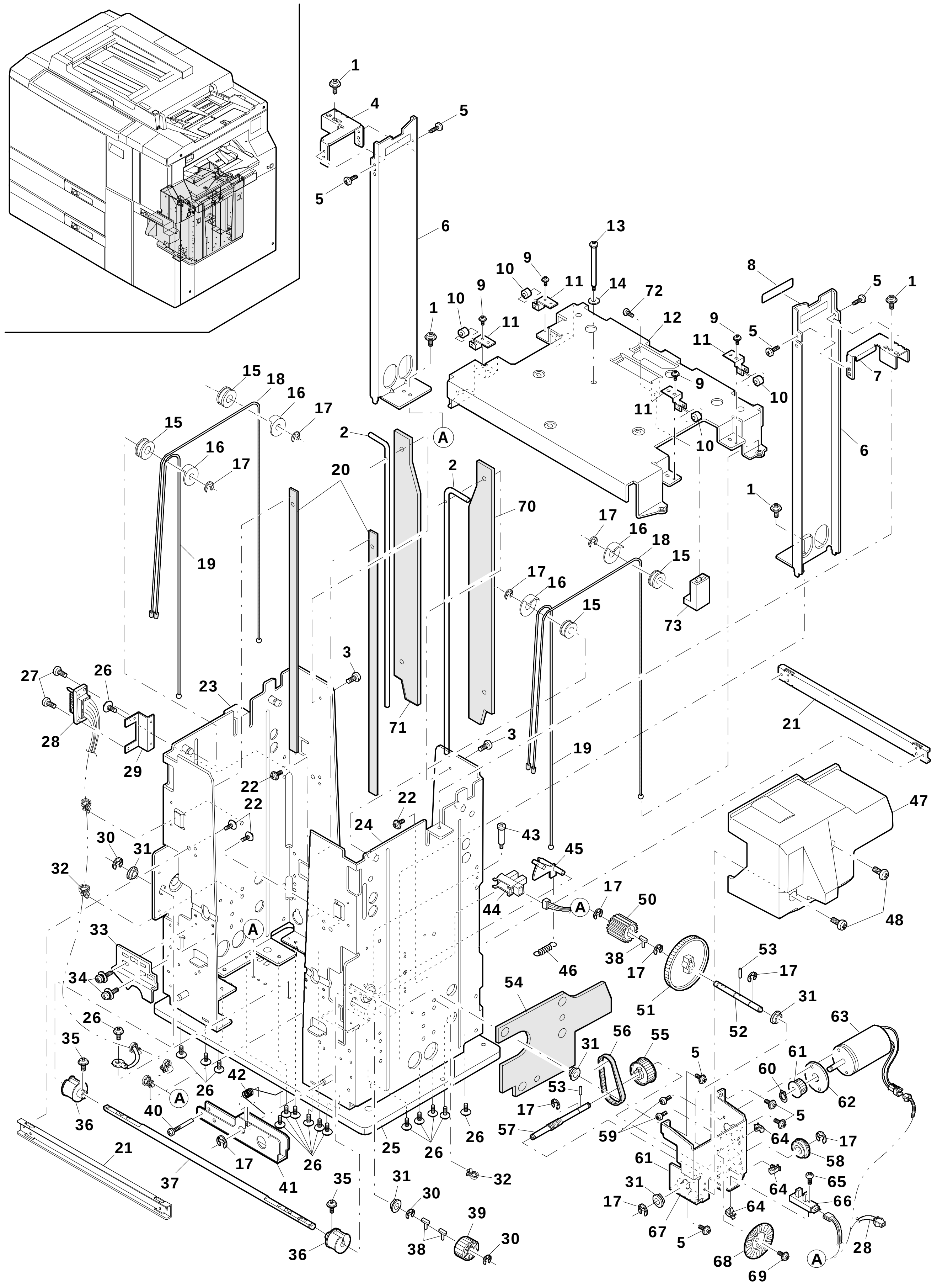

9
6
5
1
2
76
9
4
7
108
1
2
5
6
8
4
109
110
12
13
9
2
1
10
21
66
14
15
21
16
17
18
19
21
19
18
67
20
28
29
22
26
9
2
3
26
1
3
36
27
30
30
A
28
23
25
25
27
31
24
33
105
35
36
32
70
36
104
70
36
41
70
104
70
37
26
36
45
103
36
36
103
130
130
36
34
131
111
112
113
46
46
47
114
91
90
73
52
53
63
54
55
73
49
50
51
65
64
49
51
73
63
62
86
56
48
59
58
95
73
61
60
49
57
73
94
73
72
71
73
74
73
71
72
129
72
71
73
73
71
72
75
72
71
73
71
73
72
71
75
77
78
80
79
77
81
85
27
83
82
84
5
85
133
135
132
102
134
A
115
81
136
82
92
95
87
117
126
126
122
118
96
95
88
98
127
116
95
73
34
34
34
34
40
38
89
92
93
34
39
99
92
34
38
121
34
121
100
34
27
34
101
34
126
34
128
34
34
34
34
78
125
78

FCP01860

22 第１給紙ﾄﾚｲ部 (1st paper feeding tray section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	LX-BZ0148FCZZ	AA	DD		C	Screw (4 X 10KS)(Green)(Japan,AB series)	ﾋﾞｽ
	LX-BZ0527FCZZ	AA	DD		C	Screw (4 X 8)(Inch series)	ﾋﾞｽ
2	NSFTZ2398FCZZ	AS	EQ	N	C	Rear plate shaft (Japan,AB series)	ｺｳﾀﾝｼｬﾌﾄ
3	XBPS230P10KS0	AA	DD	N	C	Screw (2.3 X 10KS)(Japan,AB series)	ﾋﾞｽ
4	LPLTM5274FCZZ	AK	DX	N	C	SG hold plate F	SGｼｼﾞｲﾀF
5	LX-BZ4005SC0M	AA	DD		C	Screw (4 X 5)	ﾋﾞｽ
6	PGiDH1734FCZZ	AT	EZ	N	C	SG 3000 guide	SG3000ｶﾞｲﾄﾞ
7	LPLTM5275FCZZ	AK	DX	N	C	SG hold plate R	SGｼｼﾞｲﾀR
8	TLABZ2424FCZZ	AB	DD		C	Indicator label	ｼｼﾞｾﾝﾗﾍﾞﾙ
9	LX-BZ3004SC0M	AA	DD		C	Screw (3 X 4)	ﾋﾞｽ
10	PCLR-0308FCZZ	AB	DD		C	Protection collar	ﾎﾞｳｼﾝｺﾛ
11	LPLTM4341FCZZ	AE	DS		C	Collar fixing plate	ｺﾛﾄﾘﾂｹﾊﾞﾝ
12	LSŌU-0156FCZ1	AX	FG	N	C	3000 tray	3000ﾄﾚｲ
13	LX-BZ0682FCZZ	AD	DS		C	Screw	ﾋﾞｽ
14	XWHNZ60-03120	AA	DD		C	Washer	ﾜｯｼｬ
15	NPLYZ0280FCZZ	AC	DJ		C	Wire pulley	ﾜｲﾔｰﾌﾟｰﾘｰ
16	PCLR-0381FCZZ	AB	DJ		C	Wire fixing collar	ﾜｲﾔｰｵｻｴｶﾗｰ
17	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
18	PWiR-0183FCZZ	AR	EQ	N	C	3000 wire B	3000ﾜｲﾔｰB
19	PWiR-0182FCZZ	AR	EQ	N	C	3000 wire A	3000ﾜｲﾔｰA
20	PGiDM1736FCZZ	AN	EG	N	C	Paper control guide	ﾖｳｼｷｾｲｶﾞｲﾄﾞ
21	LPLTM4340FCZ1	AK	DX	N	C	Frame control plate	ﾌﾚｰﾑｷｾｲﾊﾞﾝ
22	LX-BZ0465FCZZ	AA	DD		C	Screw (4 X 6)	ﾋﾞｽ
23	CFRM-0926FC01	BD	GJ	N	C	3000 frame R	3000ﾌﾚｰﾑR
24	CFRM-0925FC01	BD	GN	N	C	3000 frame F	3000ﾌﾚｰﾑF
25	LPLTM4329FCZ2	AX	FG	N	C	2000 bottom plate	2000ｿｺｲﾀ
26	LX-BZ0527FCZZ	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
27	XBPSD30P08000	AA	DD		C	Screw (3 X 8)	ﾋﾞｽ
28	DHAi-2701FCZZ	AY	FQ	N	C	3000 tray harness	3000ﾄﾚｲﾊｰﾈｽ
29	LPLTM4336FCZZ	AF	DX		C	Drawer fixing plate	ﾄﾞﾛｱｰﾄﾘﾂｹﾊﾞﾝ
30	XRESP50-06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
31	NBRGC0504FCZZ	AC	DJ		B	Bearing (φ8)	ﾍﾞｱﾘﾝｸﾞ
32	LBNDJ0043FCZZ	AA	DD		C	Snap band (SG-130)	ｽﾅｯﾌﾟﾊﾞﾝﾄﾞ
33	LPLTM4412FCZZ	AE	DS		C	Tray lock plate	ﾄﾚｲﾛｯｸﾊﾞﾝ
34	LX-BZ0335FCZZ	AA	DD		C	Screw (3 X 6KS)(Red)	ﾋﾞｽ
35	LX-BZ0807FCZZ	AC	DD	N	C	Screw	ﾄﾚｲﾍﾝﾍﾟｲﾋﾞｽ
36	NPLYZ0328FCZZ	AG	DX	N	C	Winder pulley	ﾏｷﾄﾘﾌﾟｰﾘｰ
37	NSFTZ1937FCZZ	AW	FG		C	Winder shaft	ﾏｷﾄﾘｼｬﾌﾄ
38	LPiNS0263FCZZ	AD	DJ		C	T type pin	Tｶﾞﾀﾋﾟﾝ
39	NGERH0954FCZZ	AF	DX		C	30T gear	30Tｷﾞﾔｰ
40	LX-BZ0709FCZZ	AC	DJ		C	Screw (3 X 44)	ﾋﾞｽ
41	LSTPF0290FCZZ	AF	DX		C	Stopper	ﾎﾝﾀｲｽﾄｯﾊﾟｰ
42	MSPRC2538FCZZ	AC	DJ	N	C	Stopper spring	ｽﾄｯﾊﾟｰｽﾌﾟﾘﾝｸﾞ
43	LX-BZ0163FCZZ	AB	DD		C	Screw	ﾋﾞｽ
44	VHPGP1A71A1-1	AG	DX		B	Photo sensor (GP1A71A1)	ﾌｫﾄｾﾝｻｰ
45	MLEVP0696FCZZ	AE	DS	N	C	Tray lever	ﾄﾚｲｶｹﾞﾝｱｸﾁｭｴｰﾀｰ
46	MSPRT1146FCZZ	AA	DD		C	Separator spring	ﾊｸﾘｽﾌﾟﾘﾝｸﾞ
47	PCŌVP1162FCZZ	AP	EQ		C	Motor cover	ﾓｰﾀｰｶﾊﾞｰ
48	XBTSF40P06000	AA	DD		C	Screw (4 X 6)	ﾋﾞｽ
50	NGERH0955FCZZ	AF	DX		C	Gear (20T)	ｷﾞﾔｰ
51	NGERH0933FCZZ	AF	DX		C	Worm wheel gear (86T)	ｳｵｰﾑﾎｲｰﾙｷﾞﾔｰ86
52	NSFTZ1938FCZZ	AM	EG		C	Lift motor output shaft	ﾘﾌﾄﾓｰﾀｰｼｭﾂﾘｮｸｼﾞｸ
53	LPiNS0157FCZZ	AB	DD		C	Pin (φ3-14)	ﾍｲｺｳﾋﾟﾝ
54	PSHEP3495FCZZ	AM	EG		C	Motor sheet	ﾓｰﾀｰﾎﾞｳｼﾝｼｰﾄ
55	NPLYZ0300FCZZ	AE	DJ		C	Vertical transport drive pulley 24	ﾀﾃﾊﾝｿｳｸﾄﾞｳﾌﾟｰﾘｰ24
56	NBLTH0288FCZZ	AM	EG	N	B	Lift belt	ﾘﾌﾄﾍﾞﾙﾄ
57	NGERW0939FCZ1	AS	EQ	N	C	Warm gear	ｳｵｰﾑｷﾞﾔｰ
58	NBRGY0131FCZZ	AM	EG		B	Bearing (With φ22 E ring)	ﾍﾞｱﾘﾝｸﾞ
59	XBPSD30P10KS0	AB	DD		C	Screw (3 X 10KS)	ﾋﾞｽ
60	PRNGP0025FCZZ	AA	DD		C	G type ring (GTW-5)	Gﾘﾝｸﾞ
61	NPLYZ0324FCZZ	AE	DJ	N	C	Lift pulley 20T	ﾘﾌﾄﾌﾟｰﾘｰ20T
62	PGUMS0264FCZZ	AK	DX	N	C	Protect rubber	ﾎﾞｳｼﾝｺﾞﾑ
63	RMŌTV0594FCZZ	BB	GN		B	Lift motor	ﾘﾌﾄﾓｰﾀｰ
64	LHLDW1013FCZZ	AB	DD		C	Clamp holder (YMC-10)	ﾖｺｶﾞﾀｸﾗﾝﾌﾟﾎﾙﾀﾞｰ
65	XBPSD40P12K00	AA	DD		C	Screw (4 X 12K)	ﾋﾞｽ
66	VHPGP1A22LC-1	AK	EB		B	Photo transistor (GP1A22LC)	ﾌｫﾄﾄﾗﾝｼﾞｽﾀｰ
67	LPLTM5228FCZZ	AU	EZ	N	C	Lift motor fixing plate	ﾘﾌﾄﾓｰﾀｰﾄﾘﾂｹｲﾀ
68	LPLTP2926FCZZ	AF	DS		C	M sensor plate	Mｾﾝｻｰｲﾀ
69	XBPSD40P08KS0	AA	DD		C	Screw (4 X 8KS)	ﾋﾞｽ
70	PGiDM1760FCZZ	AN	EQ	N	C	Paper control guide N	ﾖｳｼｷｾｲｶﾞｲﾄﾞN
71	PGiDM1761FCZZ	AN	EQ	N	C	Paper control guide NR	ﾖｳｼｷｾｲｶﾞｲﾄﾞNR
72	XBBSD40P06000	AA	DD		C	Screw (4 X 6)	ﾋﾞｽ
73	LDAiU0564FCZZ	AF	DS	N	C	Shield block	ｶｹﾞﾝｼｬｺｳﾌﾞﾛｯｸ
	ﾕﾆｯﾄ (Unit)						
901	DUNT-6867FCZZ	CD	UF	N	E	3000 tray unit (Japan,AB series)	3000ﾄﾚｲﾕﾆｯﾄ100AB
	DUNT-6867FC11	CD	UD	N	E	3000 tray unit (inch series)	3000ﾄﾚｲﾕﾆｯﾄ100IN

22 第１給紙ﾄﾚｲ部 (1st paper feeding tray section)



FCP01861

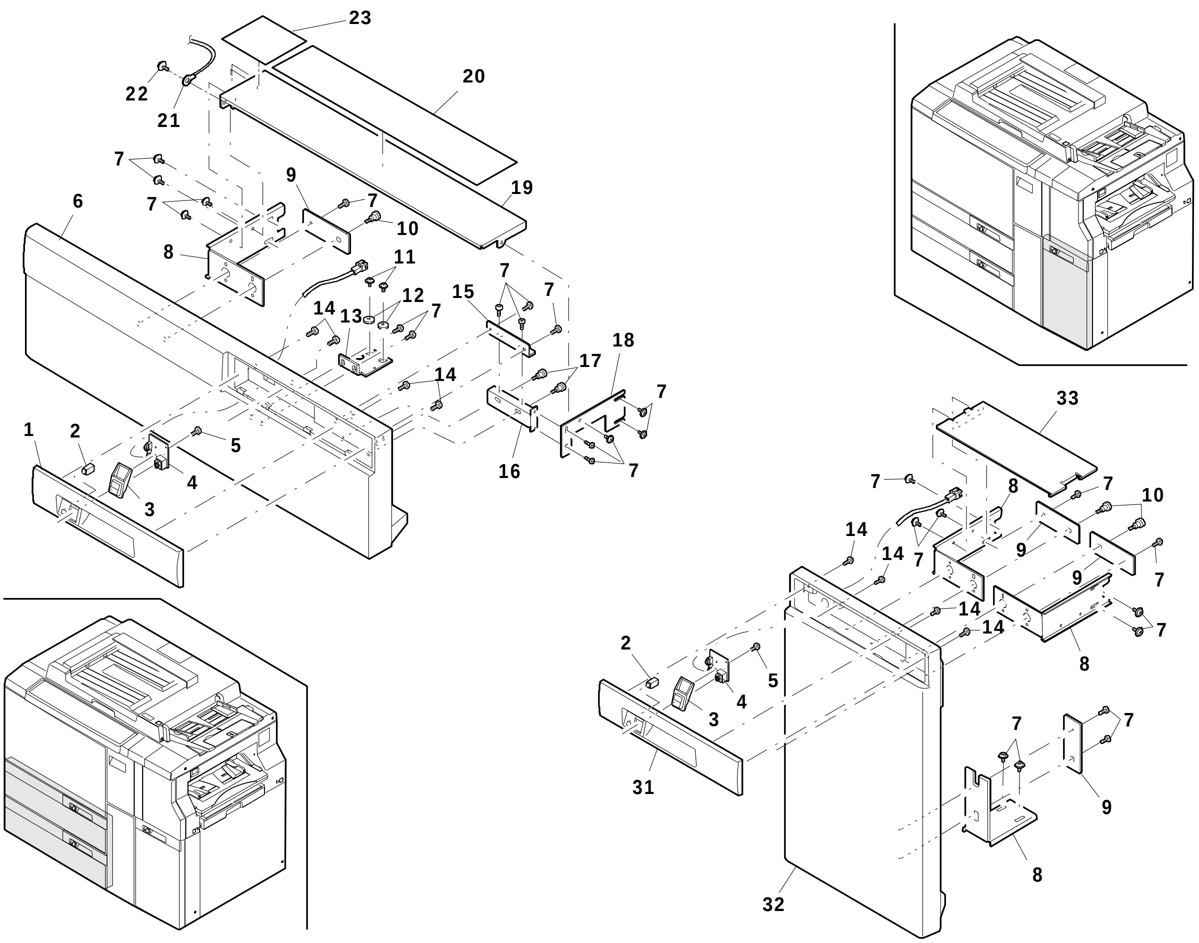
23 給紙ﾄﾚｲｷｬﾋﾞﾈｯﾄ (Paper feeding tray cabinet)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	CPLTP4369FC02	AQ	EQ		C	Cassette number plate 2 (Upper)	ｶｾｯﾄNOﾌﾟﾚｰﾄ2 (ｳｴ)
	CPLTP4369FC03	AQ	EQ		C	Cassette number plate 3 (Lower)	ｶｾｯﾄNOﾌﾟﾚｰﾄ3 (ｼﾀ)
2	PFiLZ0196FCZZ	AE	DS		B	Smoke filter	ｼｮｳｺｳ SW ｽﾓｰｸﾌｨﾙﾀｰ
3	JBTN-0162FCZZ	AD	DS		C	Switch key	ｼｮｳｺｳSWｷｰ
4	CPWBF0984FC51	AQ	EQ		E	Tray switch PWB	ﾄﾚｲｽｲｯﾁｷﾊﾞﾝ
5	XEPSD30P08000	AA	DD		C	Screw (3 × 8)	ﾋﾞｽ
6	GCAB-0781FCZ1	BK	HR		D	1000 tray exterior	1000ﾄﾚｲｷｬﾋﾞ
7	LX-BZ0527FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
8	LANGT1354FCZ2	AL	EB	N	C	2000 tray angle	2000ﾄﾚｲﾌﾞﾗｹｯﾄ
9	LPLTM4446FCZZ	AD	DJ		C	2000 tray fixing plate	2000ﾄﾚｲﾄﾘﾂｹｲﾀ
10	LX-BZ0266FCZZ	AB	DD		C	Screw	ﾋﾞｽ
11	LX-BZ0560FCZZ	AA	DD		C	Screw (4 × 10)	ﾋﾞｽ
12	LX-WZ0028FCZZ	AA	DD		C	Washer	ﾜｯｼｬ
13	LPLTM4407FCZZ	AE	DS		C	Bracket assistance plate	ﾌﾞﾗｹｯﾄﾎｼﾞｮﾊﾞﾝ
14	XEBSD40P12000	AA	DD		C	Screw (4 × 12)	ﾋﾞｽ
15	LANGT1374FCZZ	AE	DS		C	1000 cassette C	1000ｶｾｯﾄﾌﾞﾗｹｯﾄ－C
16	LBRC-0052FCZZ	AH	DX		C	1000 cassette bracket	1000ｶｾｯﾄﾌﾞﾗｹｯﾄ
17	LX-BZ0184FCZZ	AB	DD		C	Screw	ﾋﾞｽ(ﾀﾞﾝﾂｷ)
18	LANGT1373FCZZ	AH	DX		C	1000 cassette B	1000ｶｾｯﾄﾌﾞﾗｹｯﾄ－B
19	PCŌVP1199FCZZ	AQ	EQ		C	1000 tray front cover	1000ﾄﾚｲﾏｴｶﾊﾞｰ
20	TLABH3419FCZZ	AG	DX		C	Paper set label (Japan only)	ﾖｳｼｾｯﾄﾗﾍﾞﾙ J
	TLABH3420FCZZ	AG	DX		C	Paper set label (U.S.A. only)	ﾖｳｼｾｯﾄﾗﾍﾞﾙ U
	TLABH3421FCZZ	AC	DJ		C	Paper set label (Australia,U,Kingdom)	ﾖｳｼｾｯﾄﾗﾍﾞﾙ
	TLABH3484FCZZ	AG	DX		C	Paper set label (Other countries)	ﾖｳｼｾｯﾄﾗﾍﾞﾙ E4
21	PWiR-0169FCZZ	AC	DJ		C	Lock release wire	ﾛｯｸｶｲｼﾞｮﾜｲﾔｰ
22	LX-BZ0082FCZZ	AA	DD		C	Screw	JRﾘｾｯﾀｰﾖｳﾋﾞｽ
23	TCAUH0985FCZZ	AD	DJ		C	Paper caution label (Australia only)	ﾖｳｼﾁｭｳｲﾗﾍﾞﾙ
31	CPLTP4369FC05	AR	EQ	N	C	Cassette number plate 1 (Japan only)	ｶｾｯﾄNOﾌﾟﾚｰﾄ1
	CPLTP4369FC06	AR	EQ	N	C	Cassette number plate 1 (Export)	ｶｾｯﾄNOﾌﾟﾚｰﾄ1
32	GCAB-0782FCZ2	BN	LE	N	D	3000 tray exterior	3000ﾄﾚｲｷｬﾋﾞ
33	PCŌVP1198FCZ1	AL	EB	N	C	3000 protect cover	3000ﾎｺﾞｶﾊﾞｰ

23 給紙ﾄﾚｲｷｬﾋﾞﾈｯﾄ (Paper feeding tray cabinet)

2nd,3rd paper feeding tray cabinet

1st paper feeding tray cabinet

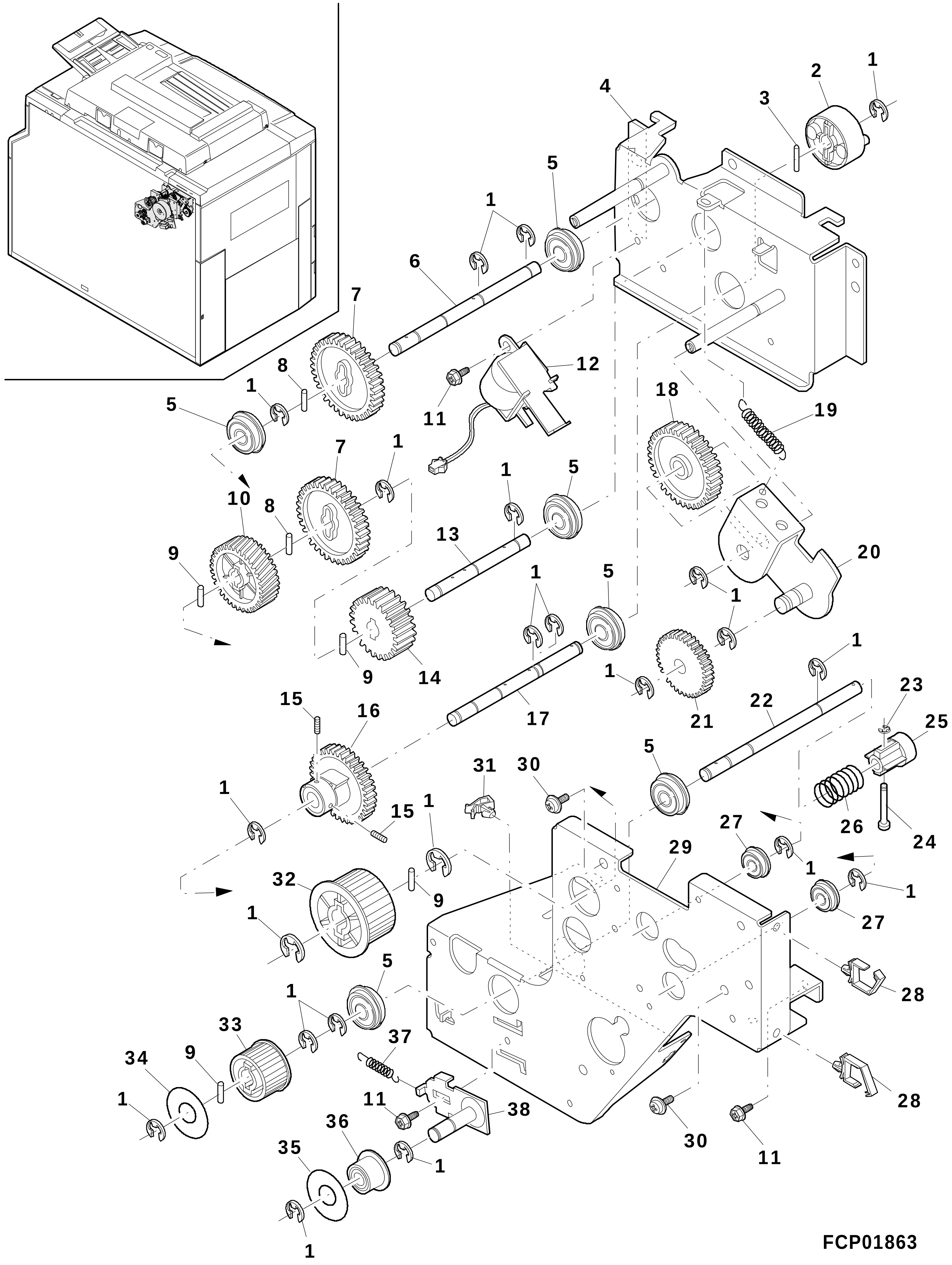


FCP01862

24 定着駆動部 (Fusing drive section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
2	NCPL-0019FCZ1	AR	EQ	N	C	Fusing cup ring	ﾃｲﾁｬｸｶｯﾌﾟﾘﾝｸﾞ
3	LPiNS0292FCZZ	AB	DJ		C	Pin (φ3-20)	ﾍｲｺｳﾋﾟﾝ
4	CPLTM5151FC01	AT	EZ	N	C	FU drive plate D	FUｸﾄﾞｳｲﾀD
5	NBRGY0131FCZZ	AM	EG		B	Bearing (with φ22 E ring)	ﾍﾞｱﾘﾝｸﾞ
6	NSFTZ2293FCZZ	AL	EB	N	C	Suction drive shaft	ｻｸｼｮﾝｸﾄﾞｳｼﾞｸ
7	NGERH0705FCZZ	AC	DJ		C	Gear (45T)	ｷﾞﾔｰ
8	LPiNS0236FCZZ	AA	DD		C	Pin (φ3-14)	ﾍｲｺｳﾋﾟﾝ
9	LPiNS0096FCZZ	AB	DD		C	Pin (φ3-12)	ﾍｲｺｳﾋﾟﾝ
10	NGERH0923FCZZ	AE	DS		C	Drum drive gear	ﾄﾞﾗﾑｸﾄﾞｳｷﾞﾔｰ
11	LX-BZ0689FCZZ	AA	DD		C	Screw (4✕8)	ﾋﾞｽ
12	RPLU-0284FCZZ	AQ	EQ		B	Fusing solenoid	ﾃｲﾁｬｸｿﾚﾉｲﾄﾞ
13	NSFTZ2291FCZZ	AN	EG	N	C	Fusing drive shaft	ﾃｲﾁｬｸｸﾄﾞｳｼﾞｸ
14	NGERH0995FCZZ	AN	EQ		C	Fusing gear 32T	FU32Tｷﾞﾔｰ
15	LX-BZ0049FCZZ	AB	DD		C	Screw (4✕6)	ﾋﾞｽ
16	PCLC-0227FCZZ	AX	FQ		B	Fusing clutch	ﾃｲﾁｬｸｸﾗｯﾁ
17	NSFTZ2292FCZZ	AR	EQ	N	C	Fusing joint shaft	ﾃｲﾁｬｸﾚﾝｹﾂｼﾞｸ
18	CGERH0325FC01	AL	EB		C	Gear upper 2 (45T)	ｷﾞﾔｰｳｴ－2
19	MSPRT1199FCZZ	AB	DD		C	Wire spring	ﾜｲﾔｰｽﾌﾟﾘﾝｸﾞ
20	CPLTM4244FC01	AH	EB		C	FIN drive joint plate	FINｸﾄﾞｳﾚﾝｹﾂｲﾀ
21	CGERH0432FC01	AD	DJ		C	MM gear (30T)	MMｷﾞﾔｰ
22	NSFTZ2374FCZ1	AQ	EQ	N	C	Suction joint shaft	ｻｸｼｮﾝﾚﾝｹﾂｼﾞｸ
23	XRESP20-03000	AA	DD		C	E type ring (2mm)	Eﾘﾝｸﾞ
24	LPiNS0268FCZZ	AB	DJ		C	Pin (φ3)	CLﾄﾒﾋﾟﾝ
25	PCLC-0190FCZZ	AC	DD		B	Rotary joint clutch	ｶｲﾃﾝﾚﾝｹﾂｸﾗｯﾁ
26	MSPRC1534FCZ1	AB	DJ		C	DV drive spring	DVﾄﾞﾗｲﾌﾞｽﾌﾟﾘﾝｸﾞ
27	NBRGY0466FCZZ	AK	EB		B	Ball bearing (φ8-φ16)	ﾎﾞｰﾙﾍﾞｱﾘﾝｸﾞ
28	LHLDW1154FCZZ	AC	DJ		C	Wire holder (LWS5S2W)	Wｻﾄﾞﾙ
29	LPLTM5150FCZZ	AR	EQ	N	C	Fusing drive plate U	ﾃｲﾁｬｸｸﾄﾞｳｲﾀU
30	LX-BZ0527FCZZ	AA	DD		C	Screw (4✕8)	ﾋﾞｽ
31	LHLDW1013FCZZ	AB	DD		C	Clamp holder (YMC-10)	ﾖｺｶﾞﾀｸﾗﾝﾌﾟﾎﾙﾀﾞｰ
32	NPLYZ0278FCZ1	AD	DJ		C	Paper feeding drive pulley 38T (38T)	ｷｭｳｼｸﾄﾞｳﾌﾟｰﾘｰ38T
33	NPLYZ0277FCZZ	AC	DJ		C	Suction drive pulley (26T)	ｻｸｼｮﾝｸﾄﾞｳﾌﾟｰﾘｰ26T
34	PSHEP3399FCZZ	AB	DJ		C	Pulley sheet D	ﾌﾟｰﾘｰﾏｲﾗｰD
35	PSHEP3291FCZZ	AB	DJ		C	Pulley sheet A	ﾌﾟｰﾘｰﾏｲﾗｰA
36	CPLYZ0070FC01	AE	DS		C	Idle pulley	ｱｲﾄﾞﾙﾌﾟｰﾘｰ
37	MSPRC0760FCZZ	AB	DD		C	Drum spring	ﾄﾞﾗﾑｽﾌﾟﾘﾝｸﾞ
38	CPLTM5257FC01	AK	EB	N	C	Tension plate	ﾃﾝｼｮﾝﾌﾟﾚｰﾄ
	ﾕﾆｯﾄ (Unit)						
901	CPLTM5151FC31	BS	MJ	N	E	Fusing drive unit	ﾃｲﾁｬｸｸﾄﾞｳﾕﾆｯﾄ

24 定着駆動部 (Fusing drive section)

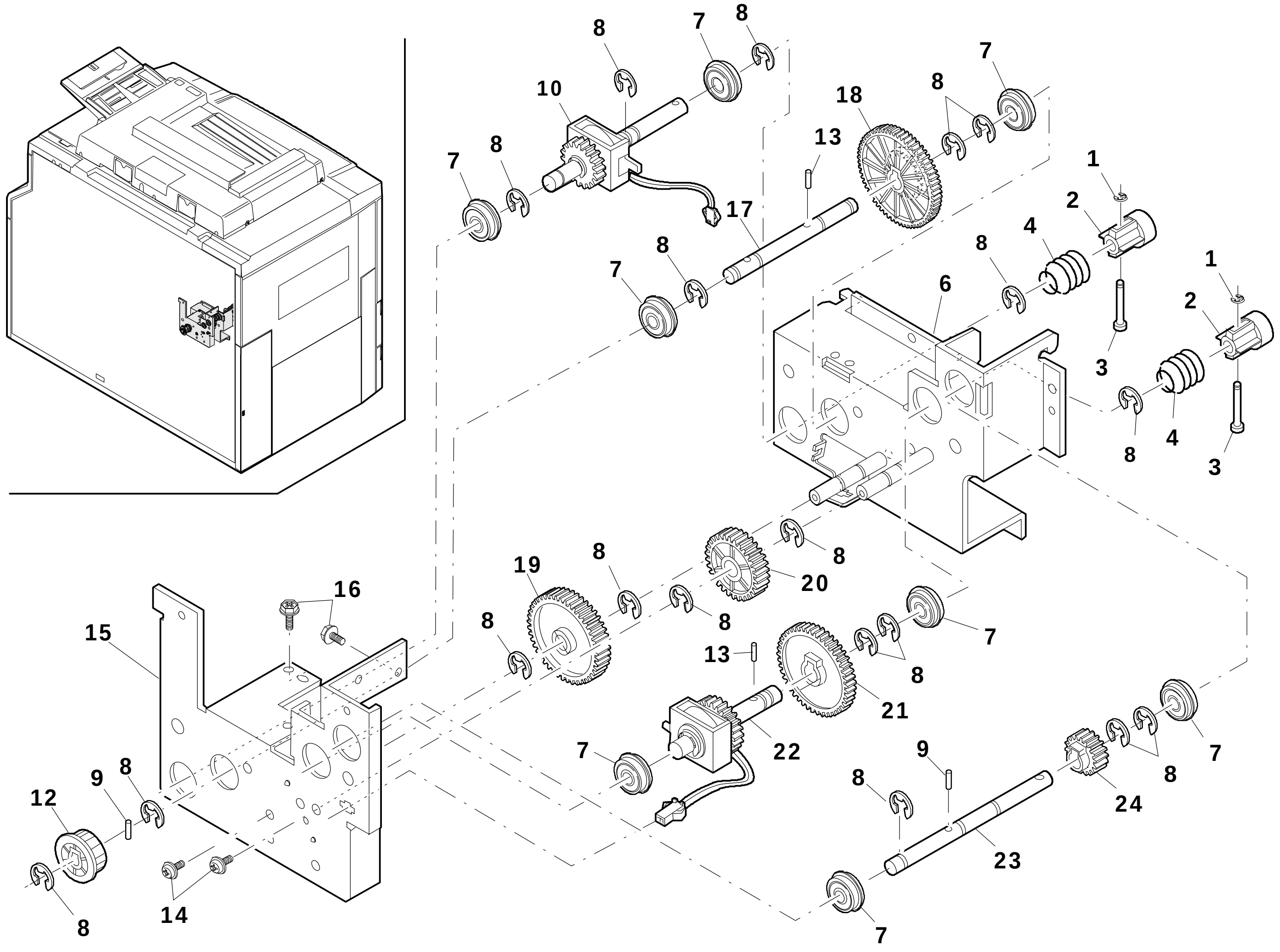

1
2
3
4
5
1
6
7
8
1
5
12
11
18
19
7
1
10
8
1
5
9
13
20
1
5
1
14
9
1
17
21
22
23
25
15
16
5
1
31
30
15
1
26
24
27
29
32
9
1
1
27
1
28
5
1
33
37
34
9
11
38
1
28
36
35
1
30
11
1

FCP01863

25 搬送駆動部 (Transport drive section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	XRESP20-03000	AA	DD		C	E type ring (2mm)	Eﾘﾝｸﾞ
2	PCLC-0190FCZZ	AC	DD		B	Rotary joint clutch	ｶｲﾃﾝﾚﾝｹﾂｸﾗｯﾁ
3	LPiNS0268FCZZ	AB	DJ		C	CL pin (φ3)	CLﾄﾒﾋﾟﾝ
4	MSPRC1534FCZ1	AB	DJ		C	DV drive spring	DVﾄﾞﾗｲﾌﾞｽﾌﾟﾘﾝｸﾞ
6	CPLTM4245FC02	AV	FG		C	Transport drive plate D	ﾊﾝｿｳｸﾄﾞｳﾌﾟﾚｰﾄD
7	NBRGY0131FCZZ	AM	EG		B	Bearing (With φ22 E ring)	ﾍﾞｱﾘﾝｸﾞ
8	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
9	LPiNS0155FCZZ	AA	DD		C	Pin (φ3-10)	ﾍｲｺｳﾋﾟﾝ
10	PCLC-0258FCZZ	BA	FX	N	B	ADU joint clutch	ADUﾚﾝｹﾂｸﾗｯﾁ
12	NPLYZ0258FCZZ	AC	DJ		C	Pulley 30P-B	ﾌﾟｰﾘｰ30P-B
13	LPiNS0096FCZZ	AB	DD		C	Pin (φ3-12)	ﾍｲｺｳﾋﾟﾝ
14	LX-BZ0527FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
15	LPLTM4246FCZ1	AL	EB		C	Transport drive plate U	ﾊﾝｿｳｸﾄﾞｳｲﾀU
16	LX-BZ0689FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
17	NSFTZ1883FCZZ	AK	EB		C	Transport drive shaft	ﾊﾝｿｳｸﾄﾞｳｼﾞｸ
18	NGERH0520FCZZ	AG	DS		C	A shaft gear (30/56T)	Aｼﾞｸｷﾞﾔｰ30/56T
19	CGERH0325FC01	AL	EB		C	Gear upper 2 (45T)	ｷﾞﾔｰｳｴ－2
20	CGERH0504FC01	AE	DS		C	Gear (37T)	ｷﾞﾔｰ
21	NGERH0484FCZZ	AB	DD		C	Gear (46T)	46Tｷﾞﾔｰ
22	PCLC-0226FCZZ	AY	FX		B	Cluch	ｶｰﾙｾﾞｾｲｸﾗｯﾁ
23	NSFTZ1884FCZZ	AH	EB		C	Joint shaft	ｶｰﾙｾﾞｾｲｸﾄﾚﾝｹﾂｼﾞｸ
24	NGERH0295FCZZ	AC	DJ		C	Transport roller drive gear	ﾊﾝｿｳﾛｰﾗｰｸﾄﾞｳｷﾞﾔｰ
	ﾕﾆｯﾄ (Unit)						
901	CPLTM4245FC32	BR	LX	N	E	Transport drive unit	ﾊﾝｿｳｸﾄﾞｳﾕﾆｯﾄ

25 搬送駆動部 (Transport drive section)

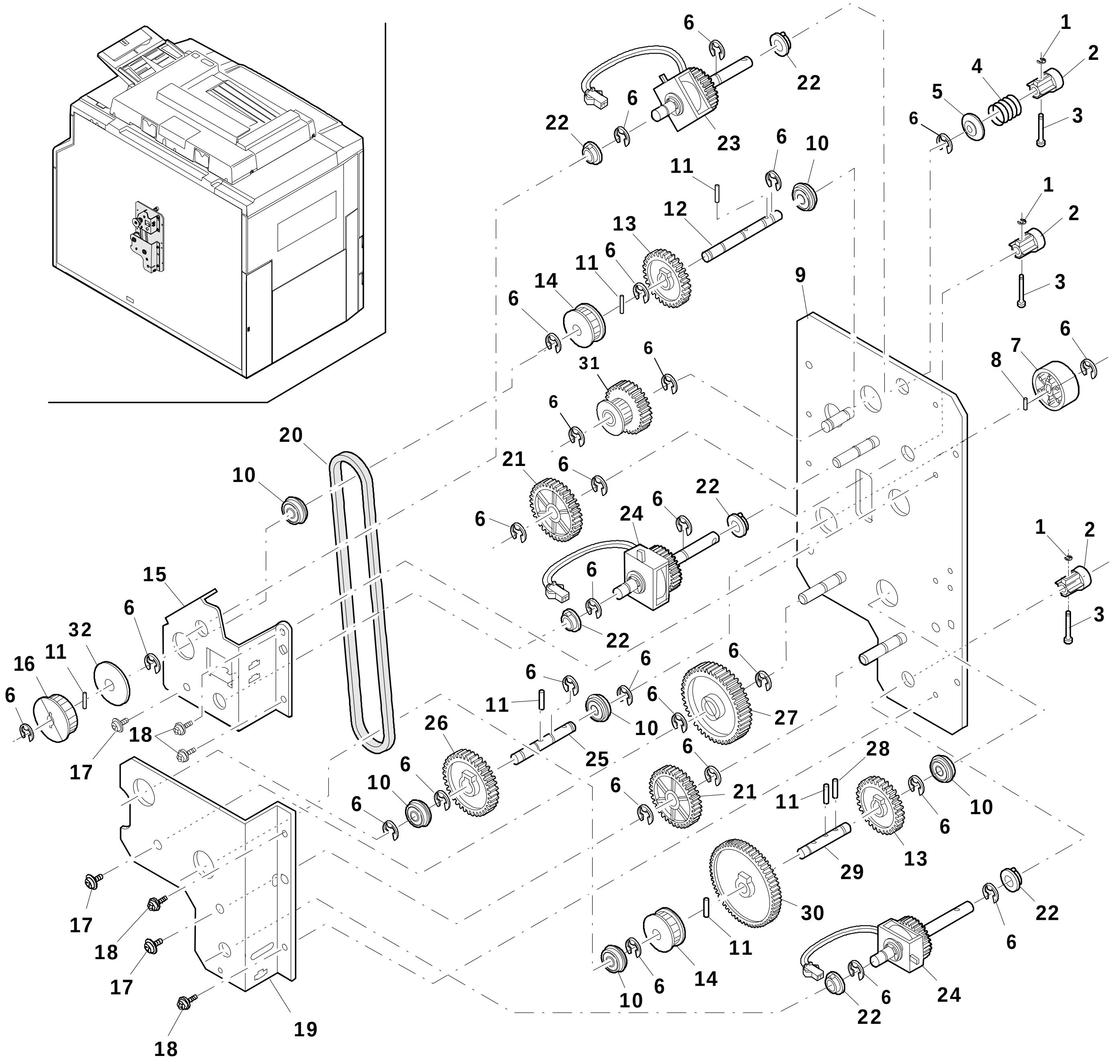

8
7
8
10
7
18
8
7
7
8
13
1
17
2
8
4
8
7
6
1
8
3
2
8
4
3
19
8
20
8
16
15
8
8
13
7
21
8
7
22
9
8
12
9
8
24
8
14
23
8
7

FCP01864

26 給紙駆動部 (Paper feeding drive section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	XRESP20−03000	AA	DD		C	E type ring (2mm)	Eﾘﾝｸﾞ
2	PCLC−0190FCZZ	AC	DD		B	Rotary joint clutch	ｶｲﾃﾝﾚﾝｹﾂｸﾗｯﾁ
3	LPiNS0268FCZZ	AB	DJ		C	CL pin (ϕ3)	CLﾄﾒﾋﾟﾝ
4	MSPRC1534FCZ1	AB	DJ		C	DV drive spring	DVﾄﾞﾗｲﾌﾞｽﾌﾟﾘﾝｸﾞ
5	PSPAZ0095FCZZ	AB	DD		C	Clutch spacer	ｸﾗｯﾁｽﾍﾟｰｻｰ
6	XRESP70−08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
7	NCPL−0018FCZZ	AE	DS		C	PS transport cup ring	PSﾊﾝｿｳｶｯﾌﾟﾘﾝｸﾞ
8	LPiNS0292FCZZ	AB	DJ		C	Pin (ϕ3-20)	ﾍｲｺｳﾋﾟﾝ
9	CPLTM4238FC01	AU	FG		C	Paper feeding drive plate D2	ｷｭｳｼｸﾄﾞｳｲﾀD2
10	NBRGY0131FCZZ	AM	EG		B	Bearing (With ϕ22 E ring)	ﾍﾞｱﾘﾝｸﾞ
11	LPiNS0096FCZZ	AB	DD		C	Pin (ϕ3-12)	ﾍｲｺｳﾋﾟﾝ
12	NSFTZ1879FCZZ	AM	EG		C	Paper feeding drive shaft B	ｷｭｳｼｸﾄﾞｳｼﾞｸB
13	NGERH0853FCZZ	AE	DJ		C	Gear (32T)	ｷﾞｬｰ
14	NPLYZ0046FCZZ	AD	DJ		C	Pulley 14	ﾌﾟｰﾘｰ 14
15	LPLTM4240FCZ1	AH	DX		C	Paper feeding drive plate U2	ｷｭｳｼｸﾄﾞｳｲﾀU2
16	NPLYZ0278FCZ1	AD	DJ		C	Paper feeding drive gear (38T)	ｷｭｳｼｸﾄﾞｳﾌﾟｰﾘｰ38T
17	LX−BZ0527FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
18	LX−BZ0689FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
19	LPLTM4241FCZZ	AK	EB		C	Paper feeding drive plate U3	ｷｭｳｼｸﾄﾞｳｲﾀU3
20	NBLTH0202FCZZ	AK	EB		B	Tray drive belt	ﾄﾚｲｸﾄﾞｳﾍﾞﾙﾄ
21	CGERH0504FC01	AE	DS		C	Gear (37T)	ｷﾞｬｰ
22	NBRGC0254FCZ1	AC	DJ		B	Delivery roller bearing	ﾊｲｼﾛｰﾗｰﾖｳｼﾞｸｳｹ
23	PCLC−0223FCZZ	AY	FX		B	Center tray clutch	ﾁｭｳｶﾝﾄﾚｲｸﾗｯﾁ
24	PCLC−0224FCZZ	AY	FX		B	Paper feeding drive joint clutch	ｷｭｳｼｸﾄﾞｳﾚﾝｹﾂｸﾗｯﾁ
25	NSFTZ1998FCZZ	AH	DX		C	PF drive joint shaft	ｷｭｳｼｸﾄﾞｳﾚﾝｹﾂｼﾞｸ
26	NGERH0522FCZZ	AE	DJ		C	A shaft gear (39T)	Aｼﾞｸｷﾞｬｰ 39T
27	CGERH0325FC01	AL	EB		C	Gear upper 2 (45T)	ｷﾞｬｰｳｴ -2
28	LPiNS0155FCZZ	AA	DD		C	Pin (ϕ3-10)	ﾍｲｺｳﾋﾟﾝ
29	NSFTZ1878FCZZ	AK	EB		C	Paper feeding idle shaft B	ｷｭｳｼｱｲﾄﾞﾙｼﾞｸB
30	NGERH0521FCZZ	AE	DS		C	A shaft gear (48T)	Aｼﾞｸｷﾞｬｰ 48T
31	CPLYZ0286FC01	AT	EZ		C	Multi drive pulley	ﾏﾙﾁｸﾄﾞｳﾌﾟｰﾘｰ
32	LPFTF0069FCZZ	AD	DJ		C	Pulley flange B	ﾌﾟｰﾘｰﾌﾗﾝｼﾞ B
	ﾕﾆｯﾄ (Unit)						
901	CPLTM4238FC31	BS	MW		E	Paper feeding drive unit	ｷｭｳｼｸﾄﾞｳﾕﾆｯﾄ

26 給紙駆動部 (Paper feeding drive section)

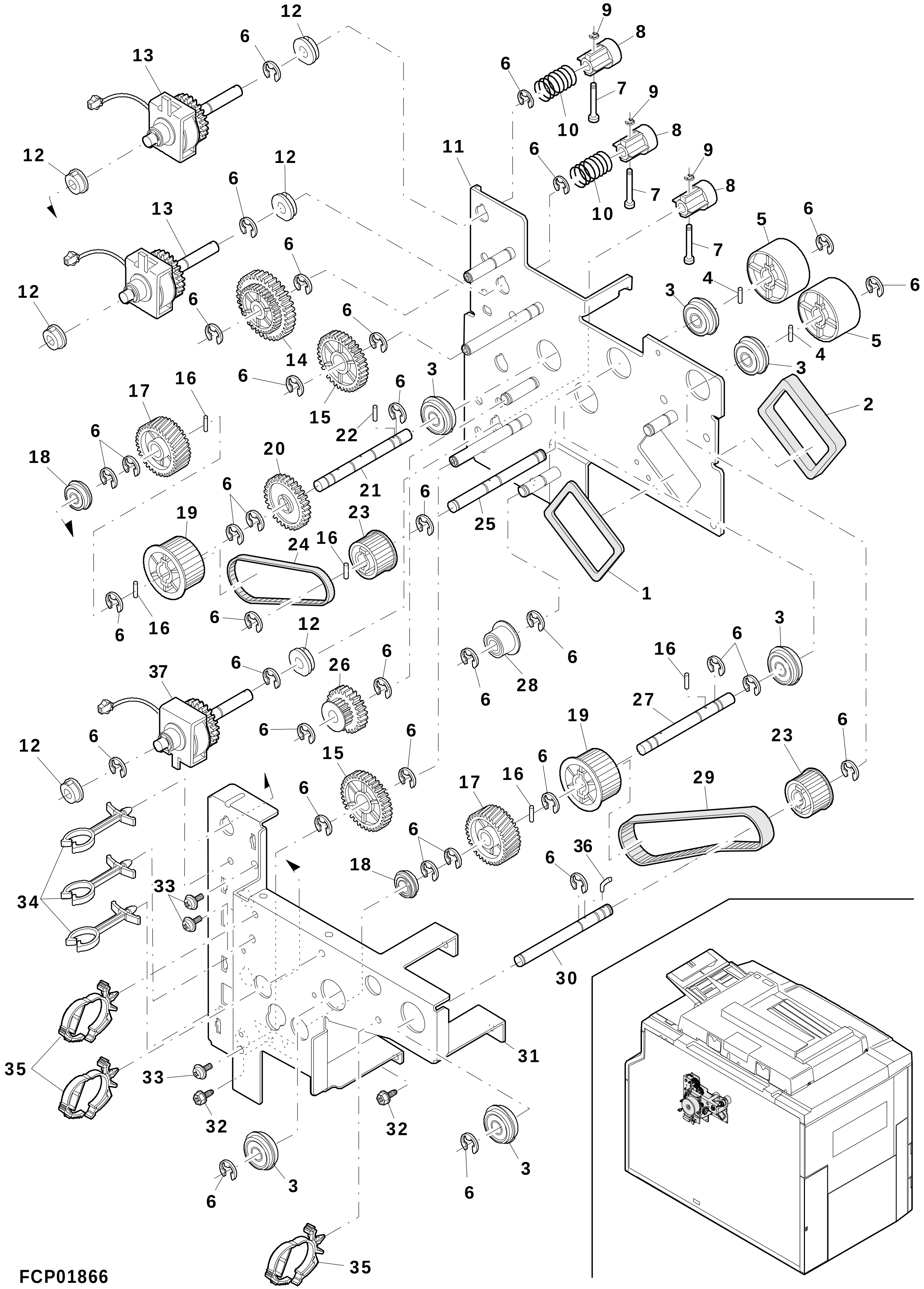


FCP01865

27 手差し駆動部 (Manual paper feeding drive section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	PMLT-1105FCZZ	AE	DJ	N	C	AUD cushion B	ADUﾓﾙﾄB
2	PMLT-1104FCZZ	AG	DX	N	C	ADU cushion A	ADUﾓﾙﾄA
3	NBRGY0131FCZZ	AM	EG		B	Bearing (with φ22 E ring)	ﾍﾞｱﾘﾝｸﾞ
4	LPiNS0292FCZZ	AB	DJ		C	Pin (φ3-20)	ﾍｲｺｳﾋﾟﾝ
5	NCPL-0018FCZZ	AE	DS		C	PS transport cup ring	PSﾊﾝｿｳｶｯﾌﾟﾘﾝｸﾞ
6	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
7	LPiNS0268FCZZ	AB	DJ		C	Pin (φ3)	CLﾄﾒﾋﾟﾝ
8	PCLC-0190FCZZ	AC	DD		B	Rotary joint clutch	ｶｲﾃﾝﾚﾝｹﾂｸﾗｯﾁ
9	XRESP20-03000	AA	DD		C	E type ring (2mm)	Eﾘﾝｸﾞ
10	MSPRC1534FCZ1	AB	DJ		C	DV drive spring	DVﾄﾞﾗｲﾌﾞｽﾌﾟﾘﾝｸﾞ
11	CPLTM5149FC01	AZ	FQ	N	C	Multi drive plate lower	ﾏﾙﾁｸﾄﾞｳｲﾀ ｼﾀ
12	NBRGC0254FCZ1	AC	DJ		B	Delivery roller bearing	ﾊｲｼﾛｰﾗｰﾖｳｼﾞｸｳｹ
13	PCLC-0225FCZ1	AZ	FQ		B	Multi drive joint clutch	ﾏﾙﾁｸﾄﾞｳﾚﾝｹﾂｸﾗｯﾁ
14	NGERH0369FCZZ	AD	DJ		C	Idle gear	ｱｲﾄﾞﾙｷﾞﾔｰ
15	CGERH0504FC01	AE	DS		C	Gear (37T)	ｷﾞﾔｰ
16	LPiNS0096FCZZ	AB	DD		C	Pin (φ3-12)	ﾍｲｺｳﾋﾟﾝ
17	NGERH0923FCZZ	AE	DS		C	Drum drive gear	ﾄﾞﾗﾑｸﾄﾞｳｷﾞﾔｰ
18	NBRGY0466FCZZ	AK	EB		B	Ball bearing (φ8-φ16)	ﾎﾞｰﾙﾍﾞｱﾘﾝｸﾞ
19	NPLYZ0285FCZ1	AE	DS		C	Transport drive pulley 32T	ﾊﾝｿｳｸﾄﾞｳﾌﾟｰﾘｰ32T
20	NGERH0853FCZZ	AE	DJ		C	Gear (32T)	ｷﾞﾔｰ
21	NSFTZ2287FCZZ	AM	EG	N	C	Multi drive motor shaft	ﾏﾙﾁｸﾄﾞｳﾓｰﾀｰｼﾞｸ
22	LPiNS0075FCZZ	AB	DD		C	Pin (φ3-10)	ﾍﾝｺｳﾋﾟﾝ
23	NPLYZ0277FCZZ	AC	DJ		C	Suction drive pulley (26T)	ｻｸｼｮﾝｸﾄﾞｳﾌﾟｰﾘｰ26T
24	NBLTH0140FCZZ	AG	DX		B	Transport drive belt B	ﾊﾝｿｳｸﾄﾞｳﾍﾞﾙﾄ B
25	NSFTZ2286FCZZ	AL	EB	N	C	Multi transport upper shaft	ﾏﾙﾁﾊﾝｿｳｳｴｼﾞｸ
26	CPLYZ0286FC01	AT	EZ		C	Multi drive pulley	ﾏﾙﾁｸﾄﾞｳﾌﾟｰﾘｰ
27	NSFTZ2288FCZZ	AL	EB	N	C	Multi tray shaft	ﾏﾙﾁﾄﾚｲｼﾞｸ
28	CPLYZ0070FC01	AE	DS		C	Idle pulley	ｱｲﾄﾞﾙﾌﾟｰﾘｰ
29	NBLTH0227FCZZ	AM	EG		B	Tray arm drive belt	ﾄﾚｲｱｰﾑｸﾄﾞｳﾍﾞﾙﾄ
30	NSFTZ2285FCZ1	AM	EG	N	C	Multi drive PS shaft	ﾏﾙﾁｸﾄﾞｳPSｼﾞｸ
31	LPLTM5148FCZZ	AU	EZ	N	C	Multi drive plate upper	ﾏﾙﾁｸﾄﾞｳｲﾀ ｳｴ
32	LX-BZ0689FCZZ	AA	DD		C	Screw (4✕8)	ﾋﾞｽ
33	LX-BZ0527FCZZ	AA	DD		C	Screw (4✕8)	ﾋﾞｽ
34	LBSHC0339FCZZ	AC	DJ	N	C	Wire bushing (HL-26L)	ﾌﾞｯｼﾝｸﾞ
35	LHLDW1301FCZZ	AD	DJ		C	Clamp (FLC20S)	ﾌﾘｰｸﾗﾝﾌﾟ
36	LSTPT0058FCZZ	AC	DD		C	HR stopper	HRｷｰ
37	PCLC-0269FCZZ	AZ	FQ	N	B	1st tray PF clutch	1ﾄﾚｲｷｭｳｼｸﾗｯﾁ
	ﾕﾆｯﾄ (Unit)						
901	CPLTM5148FC31	BV	RB	N	E	Multi drive unit	ﾏﾙﾁｸﾄﾞｳﾕﾆｯﾄ

27 手差し駆動部 (Manual paper feeding drive section)

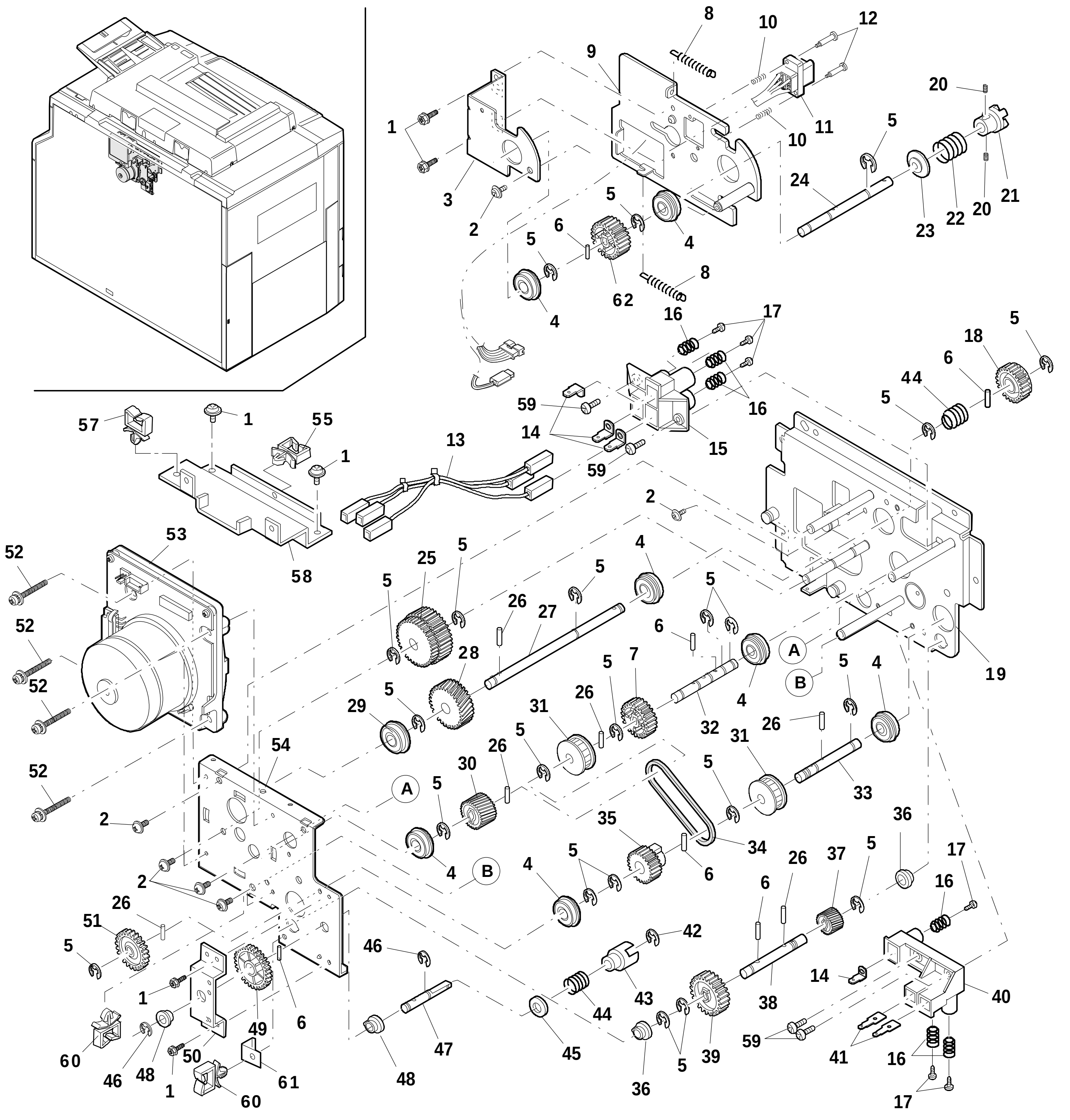


FCP01866

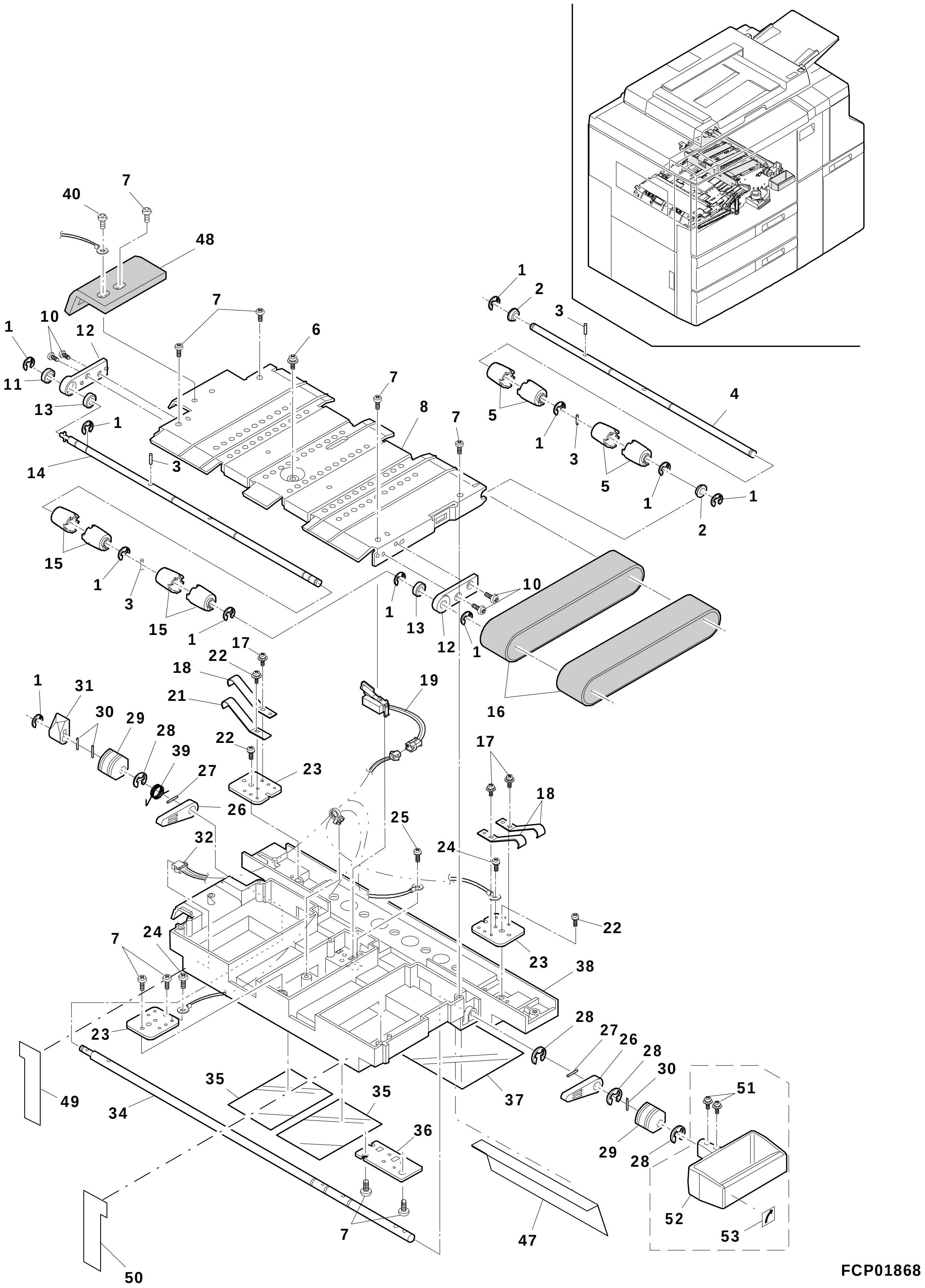
28 ﾌﾟﾛｾｽ駆動部 (Process drive section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	LX-BZ0689FCZZ	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
2	LX-BZ0527FCZZ	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
3	LPLTM4236FCZZ	AE	DS		C	DV drive plate U	DVｸﾄﾞｳﾌﾟﾚｰﾄ U
4	NBRGY0131FCZZ	AM	EG		B	Bearing (With φ22 E ring)	ﾍﾞｱﾘﾝｸﾞ
5	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
6	LPiNS0155FCZZ	AA	DD		C	Pin (φ3-10)	ﾍｲｺｳﾋﾟﾝ
7	NGERH0284FCZZ	AE	DS		C	PF gear (31T)	PFｷﾞﾔｰ
8	MSPRT1598FCZZ	AA	DD		C	Lock lever spring	ﾛｯｸﾚﾊﾞｰﾖｳﾊﾞﾈ
9	CPLTM5309FC01	AN	EQ	N	C	DV drive plate D	DVｸﾄﾞｳﾌﾟﾚｰﾄD
10	MSPRT1124FCZZ	AA	DD		C	TS pressure spring	TSｱｯﾁｬｸｽﾌﾟﾘﾝｸﾞ
11	DHAi-2704FCZZ	AU	EZ	N	C	DV interface harness	DVﾁｭｳｹｲﾊｰﾈｽ
12	LX-BZ0281FCZZ	AB	DD		C	Screw	ﾋﾞｽ
13	DHAi-2694FCZZ	AR	EQ	N	C	High voltage harness	ｺｳｱﾂﾊｰﾈｽ
14	QSLP-0164FCZ1	AD	DS		C	Socket electrode	ｿｹｯﾄﾃﾞﾝｷｮｸ
15	LHLDZ1130FCZZ	AK	EB		C	MC socket holder	MCｿｹｯﾄﾎﾙﾀﾞｰ
16	MSPRP1293FCZZ	AB	DD		C	Electrode spring	ﾃﾞﾝｷｮｸ ｽﾌﾟﾘﾝｸﾞ
17	XBPSD30P06000	AA	DD		C	Screw (3 X 6)	ﾋﾞｽ
18	NGERH0262FCZ1	AL	EG		C	DR drive gear (25T)	DR ｸﾄﾞｳｷﾞﾔｰ
19	CPLTM4232FC03	BB	GD	N	C	DR drive plate D	DRｸﾄﾞｳﾌﾟﾚｰﾄD
20	XXXSP40L08000	AB	DD		C	Screw (4 X 8)	ﾋﾞｽ
21	PCLC-0009FCZZ	AD	DJ		B	Clutch B	ﾃﾞﾝﾄﾞｳｸﾗｯﾁ B
22	MSPRC0089FCZZ	AB	DD		C	Clutch pressure spring	ｸﾗｯﾁｱｯﾁｬｸｽﾌﾟﾘﾝｸﾞ
23	PSPAZ0095FCZZ	AB	DD		C	Clutch spacer	ｸﾗｯﾁｽﾍﾟｰｻｰ
24	NSFTZ2412FCZZ	AL	EB	N	C	DV drive joint shaft	DVｸﾄﾞｳﾚﾝｹﾂｼﾞｸ
25	CGERH1188FC01	AM	EG	N	C	DV drive idle gear (37T)	DVｸﾄﾞｳｱｲﾄﾞﾙｷﾞﾔｰ
26	LPiNS0096FCZZ	AB	DD		C	Pin (φ3-12)	ﾍｲｺｳﾋﾟﾝ
27	NSFTZ1867FCZ1	AL	EG		C	DR drive joint shaft	DRｸﾄﾞｳﾚﾝｹﾂｼﾞｸ
28	NGERH0923FCZZ	AE	DS		C	Drum drive gear	ﾄﾞﾗﾑｸﾄﾞｳｷﾞﾔｰ
29	NBRGY0434FCZZ	AN	EQ		B	Ball bearing (FLW67)	ﾎﾞｰﾙﾍﾞｱﾘﾝｸﾞ
30	NGERH0924FCZZ	AE	DS		C	DV drive gear (33T)	DVｸﾄﾞｳｷﾞﾔｰ33T
31	NPLYZ0082FCZZ	AE	DJ		C	Dray pulley (16T)	ﾄﾞﾗｲﾌﾟｰﾘｰ
32	NSFTZ1871FCZZ	AK	EB		C	DV drive idle shaft	DVｸﾄﾞｳｱｲﾄﾞﾙｼﾞｸ
33	NSFTZ1869FCZZ	AK	EB		C	Waste toner idle shaft	ﾊｲﾄﾅｰｱｲﾄﾞﾙｼﾞｸ
34	NBLTH0200FCZZ	AH	DX		B	Waste toner drive belt	ﾊｲﾄﾅｰｸﾄﾞｳﾍﾞﾙﾄ
35	NGERH0295FCZZ	AC	DJ		C	Transport roller drive gear	ﾊﾝｿｳﾛ ｰ ﾗｰｸﾄﾞｳｷﾞﾔｰ
36	NBRGC0254FCZ1	AC	DJ		B	Delivery roller bearing	ﾊｲｼﾛｰﾗｰﾖｳｼﾞｸｳｹ
37	NGERH0682FCZZ	AF	DS		C	Toner drive gear 18T	ﾊｲﾄﾅ ｰ ｸﾄﾞｳｷﾞﾔｰ18T
38	NSFTZ1870FCZZ	AH	EB		C	Waste toner drive joint shaft	ﾊｲﾄﾅｰｸﾄﾞｳﾚﾝｹﾂｼﾞｸ
39	NGERH0128FCZZ	AC	DD		C	Gear (24T)	24Tｷﾞﾔｰ
40	LHLDZ1135FCZZ	AK	EB		C	TC socket holder	TCｿｹｯﾄﾎﾙﾀﾞｰ
41	QSLP-0162FCZ2	AF	DS		C	TC socket electrode	TCｿｹｯﾄﾃﾞﾝｷｮｸ
42	XRESP30-04000	AA	DD		C	E type ring (3mm)	Eﾘﾝｸﾞ
43	NCPL-0007FCZZ	AC	DD		C	DV cup ring	DVｶｯﾌﾟﾘﾝｸﾞ
44	MSPRC1534FCZZ	AA	DD		C	DV drive spring	DVﾄﾞﾗｲﾌﾞｽﾌﾟﾘﾝｸﾞ
45	LX-WZ0224FCZZ	AA	DD		C	Washer	ﾜｯｼｬ
46	XRESP50-06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
47	NSFTZ1872FCZZ	AH	DX		C	Cleaner drive joint shaft	ｸﾘｰﾅｰｸﾄﾞｳﾚﾝｹﾂｼﾞｸ
48	NBRGM0501FCZZ	AB	DJ		B	Metal D	ﾒﾀﾙ D
49	NGERH0254FCZZ	AC	DJ		C	DV gear (36T)	DV ｷﾞﾔｰ
50	LPLTM4234FCZZ	AF	DS		C	Cleaner drive plate	ｸﾘ ｰ ﾅｸﾄﾞｳﾌﾟﾚｰﾄ
51	NGERH0562FCZZ	AD	DJ		C	Feed shaft gear (30T)	ﾌｨｰﾄﾞｼﾞｸｷﾞﾔｰ
52	XBPSD40P18KS0	AA	DD		C	Screw (4 X 18KS)	ﾋﾞｽ
53	RMŌTP0804FCZZ	BT	NE	N	B	Drum motor	ﾄﾞﾗﾑﾓｰﾀｰ
54	LPLTM4233FCZZ	AM	EQ		C	DR drive plate U	DRｸﾄﾞｳﾌﾟﾚｰﾄU
55	LHLDW2106SCZZ	AB	DD		C	Wire holder B	ﾜｲﾔｻﾄﾞﾙ B
57	LHLDW2047SCZZ	AA	DD		C	Wire holder (WS-1NS)	ﾜｲﾔｰｻﾄﾞﾙ
58	LPLTM4458FCZZ	AG	DX		C	CF fixing plate B	CFﾄﾘﾂｹｲﾀ B
59	XBPSD40P08000	AA	DD		C	Screw (4 X 8)	ﾋﾞｽ
60	LHLDW0898FCZZ	AA	DD		C	Wire holder (WS-2)	ﾜｲﾔｰﾎﾙﾀﾞｰ
61	PSHEP4270FCZZ	AC	DJ	N	C	TC protect sheet	TCｴｯｼﾞﾎｺﾞｼｰﾄ
62	NGERH0945FCZZ	AD	DJ		C	Fusing drive gear	ﾃｲﾁｬｸｸﾄﾞｳｷﾞﾔｰ
	ﾕﾆｯﾄ (Unit)						
901	CPLTM4232FC52	CA	TV	N	E	Drum drive unit	ﾄﾞﾗﾑｸﾄﾞｳﾕﾆｯﾄ

28 ﾌﾟﾛｾｽ駆動部 (Process drive section)



29 ｻｸｼｮﾝ部 (Suction section)



29 ｻｸｼｮﾝ部 (Suction section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
2	NBRGY0434FCZZ	AN	EQ		B	Ball bearing (FLW67)	ﾎﾞｰﾙﾍﾞｱﾘﾝｸﾞ
3	LPiNS0155FCZZ	AA	DD		C	Pin (φ3-10)	ﾍｲｺｳﾋﾟﾝ
4	NSFTZ1977FCZZ	AN	EQ		C	Belt shaft	ﾍﾞﾙﾄｼﾞｭｳﾄﾞｳｼﾞｸ
5	NRŌLP0487FCZZ	AB	DD		C	Suction drive roller	ｻｸｼｮﾝｸﾄﾞｳﾛｰﾗｰ
6	LX-BZ0503FCZZ	AA	DD		C	Screw (4×8)	ﾋﾞｽ
7	XEBSD40P12000	AA	DD		C	Screw (4×12)	ﾋﾞｽ
8	PGiDH1401FCZ1	AS	EQ		C	Suction paper guide	ｻｸｼｮﾝﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ
10	XHBSD40P08000	AA	DD		C	Screw (4×8)	ﾋﾞｽ
11	NBRGY0466FCZZ	AK	EB		B	Ball bearing (φ8-φ16)	ﾎﾞｰﾙﾍﾞｱﾘﾝｸﾞ
12	LANGT1371FCZZ	AE	DS		C	SPG angle	SPGｱﾝｸﾞﾙ
13	NBRGY5037BCZZ	AM	EG		B	D pulley bearing	Dﾌﾟｰﾘｰﾍﾞｱﾘﾝｸﾞ
14	CSFTZ1976FC61	AW	FG		E	Belt drive shaft sub unit	ﾍﾞﾙﾄｸﾄﾞｳｼﾞｸｻﾌﾞﾕﾆｯﾄ
15	NRŌLP0789FCZZ	AC	DD		C	Suction drive roller	ｻｸｼｮﾝｸﾄﾞｳﾛｰﾗｰ
16	CBLTH0223FC31	AV	FG		B	Suction belt unit	ｻｸｼｮﾝﾍﾞﾙﾄﾕﾆｯﾄ
17	XBPSD30P06KS0	AA	DD		C	Screw (3×6KS)	ﾋﾞｽ
18	MSPRP2445FCZZ	AD	DJ		C	Suction spring C16	ｻｸｼｮﾝｽﾌﾟﾘﾝｸﾞ C16
19	QSW-L0496FCZZ	AX	FG		B	Switch	ｷﾝｾﾂｽｲｯﾁ
21	MSPRP2406FCZ1	AD	DJ		C	TC spring	TCｽﾌﾟﾘﾝｸﾞ
22	XBPSD40P05K00	AA	DD		C	Screw (4×5K)	ﾋﾞｽ
23	LPLTM4427FCZZ	AF	DX		C	Earth fixing plate	ｱｰｽﾄﾘﾂｹﾊﾞﾝ
24	XBPSD40P08KS0	AA	DD		C	Screw (4×8KS)	ﾋﾞｽ
25	XBPSD30P06K00	AA	DD		C	Screw (3×6K)	ﾋﾞｽ
26	LANGT1368FCZZ	AE	DS		C	Lift angle	ﾘﾌﾄｱﾝｸﾞﾙ
27	LPiNS0292FCZZ	AB	DJ		C	Pin (φ3-20)	ﾍｲｺｳﾋﾟﾝ
28	XRESP90-08000	AA	DD		C	E type ring (9mm)	Eﾘﾝｸﾞ
29	LANGT1369FCZZ	AF	DX		C	Fixing angle	ｺﾃｲｱﾝｸﾞﾙ
30	LPiNS0096FCZZ	AB	DD		C	Pin (φ3-12)	ﾍｲｺｳﾋﾟﾝ
31	LANGT1370FCZZ	AS	EZ		C	Lock angle	ﾛｯｸｱﾝｸﾞﾙ
32	DHAi-2216FCZZ	AH	EB		C	PSD interface harness	PSDﾁｭｳｹｲﾊｰﾈｽ
34	NSFTZ1978FCZ1	AW	FG		C	Lift lock shaft	ﾘﾌﾄﾛｯｸｼﾞｸ
35	PSHEP3324FCZZ	AE	DS		C	Suction sheet small	ｻｸｼｮﾝｼｰﾄ ｼｮｳ
36	LPLTM4424FCZZ	AD	DS		C	MS2 fixing plate	MS2ﾄﾘﾂｹﾊﾞﾝ
37	PSHEP3323FCZ1	AL	EB	N	C	Suction sheet large	ｻｸｼｮﾝｼｰﾄ ﾀﾞｲ
38	LFRM-0760FCZ1	BA	FX		C	Suction frame	ｻｸｼｮﾝﾌﾚｰﾑ
39	MSPRT2088FCZ1	AD	DJ		C	Handle spring	ﾊﾝﾄﾞﾙｽﾌﾟﾘﾝｸﾞ
40	XHBSD40P10000	AA	DD		C	Screw (4×10)	ﾋﾞｽ
47	PSHEP3546FCZZ	AE	DS		C	Suction plate pressure sheet	ｻｸｼｮﾝｲﾀｱﾂｼｰﾄ
48	PSEL-0580FCZZ	AK	EB		C	Suction seal E	ｻｸｼｮﾝｼｰﾙ E
49	PSHEP3707FCZZ	AB	DJ		C	Suction rear plate sheet R	ｻｸｼｮﾝｺｳﾀﾝﾏｲﾗｰR
50	PSHEP3706FCZZ	AB	DJ		C	Suction rear plate sheet F	ｻｸｼｮﾝｺｳﾀﾝﾏｲﾗｰF
51	XBPUW40P25KS0	AB	DD		C	Screw (4×25KS)	ﾋﾞｽ
52	JHNDP0119FCZZ	AW	FG		C	Handle	ﾘｾﾂﾊﾝﾄﾞﾙ
53	TLABZ3836FCZZ	AF	DS		C	Lock handle label (Japan only)	ﾛｯｸﾊﾝﾄﾞﾙﾗﾍﾞﾙ
	ﾕﾆｯﾄ (Unit)						
901	DUNT-6860FCZZ	CU	VW	N	E	Center tray unit (Japan only)	ﾁｭｳｶﾝﾄﾚｲﾕﾆｯﾄ
	DUNT-6860FC12	CU	VW	N	E	Center tray unit (U,Kingdom only)	ﾁｭｳｶﾝﾄﾚｲﾕﾆｯﾄ
	DUNT-6860FC11	CU	VW	N	E	Center tray unit (Other countries)	ﾁｭｳｶﾝﾄﾚｲﾕﾆｯﾄ

30 ﾃﾞｭｰﾌﾟﾚｯｸｽ部 1 (Duplex section 1)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	XBPSD30P04K00	AA	DD		C	Screw (3×4K)	ﾋﾞｽ
2	LPLTM4285FCZZ	AE	DS		C	SB sensor plate	SBﾊｲｼｭﾂｾﾝｻｰｲﾀ
3	QSW-Z0457FCZZ	AP	EQ		B	DGD1 switch	DGD1ｽｲｯﾁ
4	XBPSD30P06KS0	AA	DD		C	Screw (3×6KS)	ﾋﾞｽ
5	LPLTM4287FCZ1	AD	DS		C	Upper roller plate	ｺﾃｲｶﾞﾜｳｴﾛｰﾗｰｲﾀ
6	CRŌLP0943FC01	AG	DX		C	Upper roller	ｺﾃｲｶﾞﾜｳｴﾛｰﾗｰ
7	XRESP30-04000	AA	DD		C	E type ring (3mm)	Eﾘﾝｸﾞ
8	NSFTZ1907FCZZ	AF	DX		C	Roller shaft	ｺﾃｲｳｴﾛｰﾗｰｼﾞｸB
9	MSPRT1719FCZZ	AC	DJ		C	Spring A	ｼﾞｭｳﾄﾞｳﾛｰﾗｰｽﾌﾟﾘﾝｸﾞ A
10	NSFTZ1906FCZZ	AF	DX		C	Shaft A	ｺﾃｲｳｴﾛｰﾗｰｼﾞｸA
11	PGiDH1414FCZ2	AU	EZ		C	Upper paper guide	ｺﾃｲｳｴﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ
12	LPLTM4286FCZ1	AE	DS		C	Plate	ｺﾃｲｶﾞﾜｼﾃﾝｲﾀ
13	LFRM-0765FCZZ	AE	DS		C	Frame	ｺﾃｲｶﾞﾜｼﾃﾝﾌﾚｰﾑ
14	NSFTZ2072FCZZ	AC	DJ		C	PG fulcrum shaft	PGｼﾃﾝｼﾞｸN
16	LX-BZ0465FCZZ	AA	DD		C	Screw (4×6)	ﾋﾞｽ
17	PGiDM1415FCZZ	AX	FQ		C	Center paper guide upper	ｲﾄﾞｳﾁｭｳｶﾝﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｳｴ
18	NBRGC0483FCZZ	AC	DJ		B	Paper guide joint bearing	PGﾚﾝｹﾂｼﾞｸｳｹ
19	LX-BZ0692FCZZ	AB	DD		C	Screw	ﾋﾞｽ
20	PSHEP3548FCZZ	AB	DJ		C	Upper PG sheet	ｺﾃｲｳｴPGｼｰﾄ
21	MSPRT2050FCZZ	AB	DJ		C	Spring	ｼﾞｭｳﾄﾞｳﾛｰﾗｰｽﾌﾟﾘﾝｸﾞﾆｭｳｼｽﾌﾟﾘﾝｸﾞ
22	NSFTZ1973FCZZ	AH	DX		C	Shaft	ﾆｭｳﾛｰﾗｰｼﾞｭｳﾄﾞｳｼﾞｸ
23	LBSHC0291FCZZ	AB	DJ		C	Bushing (MP1040)	ﾐﾆﾁｭｱﾌﾞｯｼｭMP1040
24	LPLTM4409FCZZ	AD	DS		C	SW cover	ﾆｭｳｼSWｶﾊﾞｰ
25	PGiDH1404FCZ2	AQ	EQ		C	Paper guide upper	ﾆｭｳｼﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ ｳｴ
26	JHNDP0096FCGZ	AD	DJ		C	Delivery paper guide handle	ﾊｲｼPGﾄｯﾃ
27	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
28	NGERH0521FCZZ	AE	DS		C	A shaft gear (48T)	Aｼﾞｸｷﾞﾔｰ 48T
29	NBRGP0478FCZZ	AK	EB		B	FU drive bearing	FUｸﾄﾞｳｼﾞｸｳｹ
30	PGiDH1405FCZ1	AR	EQ		C	Paper guide lower	ﾆｭｳｼﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ ｼﾀ

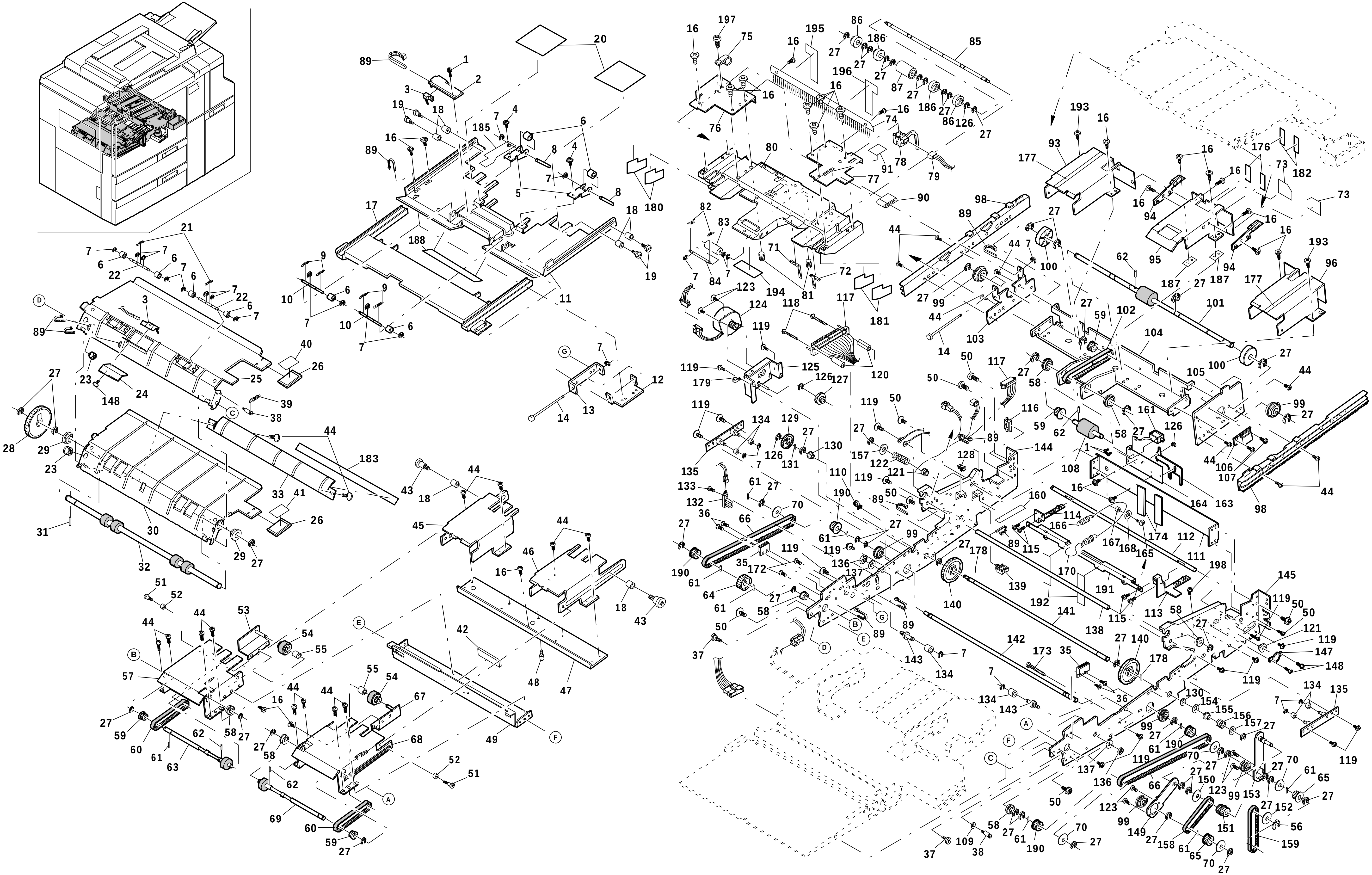
30 ﾃﾞｭｰﾌﾟﾚｯｸｽ部１ (Duplex section 1)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
31	LPiNS0096FCZZ	AB	DD		C	Spring pin (ϕ3-12)	SPﾋﾟﾝ
32	NRŌLR0951FCZZ	AT	FG		C	Roller	ﾆｭｳｼﾛｰﾗｰ
33	PGiDH1406FCZ2	AK	DX		C	SB paper guide	SBﾊｲｼｭﾂﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ
35	PMAGT0073FCZZ	AG	DX		B	Paper guide Magnet	ﾆｭｳｼﾍﾟｰﾊﾟｰｶﾞｲﾄﾞﾏｸﾞﾈｯﾄ
36	XBBSD26P08000	AA	DD		C	Screw (2.6 × 8)	ﾋﾞｽ
37	LX-BZ0295FCZ1	AC	DJ		C	Screw	ﾘﾝｸﾀﾞﾝﾋﾞｽ
38	LX-BZ0695FCZZ	AD	DS		C	Screw	ﾋﾞｽ
39	MSPRT2099FCZZ	AB	DJ		C	PG Pressure spring	ﾆｭｳｼPGｱｯｾﾂｽﾌﾟﾘﾝｸﾞ
40	TLABZ3414FCZZ	AB	DJ		C	Number label I	NOﾗﾍﾞﾙI
41	TLABZ3415FCZZ	AB	DJ		C	Number label J	NOﾗﾍﾞﾙJ
42	PSPAZ0621FCZZ	AD	DJ		C	DUP rear spacer	DUPｺｳﾀﾝｽﾍﾟｰｻｰ
43	LX-BZ0693FCZZ	AB	DD		C	Screw	ﾋﾞｽ
44	XBPSD40P05K00	AA	DD		C	Screw (4 × 5K)	ﾋﾞｽ
45	PGiDH1409FCZ1	AM	EG		C	Center paper guide lower R	ｲﾄﾞｳﾁｭｳｶﾝﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｼﾀR
46	PGiDH1454FCZ1	AM	EG		C	Center paper guide	ｲﾄﾞｳﾁｭｳｶﾝﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ
47	LPLTM4398FCZZ	AL	EG		C	Paper guide joint plate	ｲﾄﾞｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞﾚﾝｹﾂｲﾀ
48	LX-BZ0495FCZZ	AC	DD		C	Stopper screw	ｽﾄｯﾊﾟｰﾋﾞｽ
49	LPLTM4278FCZZ	AR	EQ		C	DUNACC fixing plate L	DUNACCﾄﾘﾂｹｲﾀL
50	LX-BZ0699FCZZ	AA	DD		C	Screw (4 × 6)	ﾋﾞｽ
51	LX-BZ0694FCZZ	AB	DD		C	Screw	ﾋﾞｽ
52	NBRGY0498FCZZ	AB	DJ		B	Bearing sleeve N	ｼﾞｸｳｹｽﾘｰﾌﾞN
53	CPLTM4279FC02	AG	DX		C	Lower roller B fixing plate R	ｺﾃｲｼﾀﾛｰﾗｰBﾄﾘﾂｹｲﾀR
54	NRŌLR0983FCZZ	AR	EQ		C	Lower roller B	ｺﾃｲｼﾀﾛｰﾗｰB
55	NBRGM0499FCZZ	AB	DJ		B	Bearing 2	ﾒﾀﾙｼﾞｸｳｹ2N
56	LSTPP0279FCZZ	AB	DD		C	Stopper	ｽﾄｯﾊﾟｰ
57	PGiDH1408FCZ1	AN	EQ		C	Lower paper guide R	ｺﾃｲｼﾀﾍﾟｰﾊﾟｰｶﾞｲﾄﾞR
58	NBRGY0466FCZZ	AK	EB		B	Ball bearing (ϕ8-ϕ16)	ﾎﾞｰﾙﾍﾞｱﾘﾝｸﾞ
59	NPLYZ0106FCZZ	AC	DJ		C	Pulley 22	ﾌﾟｰﾘｰ22
60	NBLTH0210FCZZ	AG	DX		B	100MXL belt	100MXLﾍﾞﾙﾄ
61	LPiNS0155FCZZ	AA	DD		C	Pin (ϕ3-10)	ﾍｲｺｳﾋﾟﾝ
62	LPiNS0133FCZZ	AA	DD		C	Pin (ϕ2-10)	ﾍｲｺｳﾋﾟﾝ
63	NRŌLR0952FCZ1	AS	EQ		C	Lower roller A	ｺﾃｲｼﾀﾛｰﾗｰA
64	NGERH0111FCZZ	AD	DJ		C	Gear (24T)	ｷﾞﾔｰ
65	NPLYZ0205FCZZ	AE	DJ		C	Pulley 20T	ﾌﾟｰﾘｰ20T
66	NBLTH0139FCZZ	AH	DX		B	Transport drive belt A	ﾊﾝｿｳｸﾄﾞｳﾍﾞﾙﾄA
67	CPLTM4279FC01	AG	DX		C	Lower roller B fixing plate F	ｺﾃｲｼﾀﾛｰﾗｰBﾄﾘﾂｹｲﾀF
68	PGiDH1407FCZ1	AN	EG		C	Lower paper guide F	ｺﾃｲｼﾀﾍﾟｰﾊﾟｰｶﾞｲﾄﾞF
69	NRŌLR0988FCZ1	AS	EQ		C	Lower roller C	ｺﾃｲｼﾀﾛｰﾗｰC
70	PSHEP3291FCZZ	AB	DJ		C	Pulley sheet A	ﾌﾟｰﾘｰﾏｲﾗｰA
71	PSHEP4301FCZZ	AD	DJ	N	C	Upper sheet R	ｹﾘﾀﾞｼｼｰﾄｳｴR
72	PSHEP4300FCZZ	AD	DJ	N	C	Upper sheet F	ｹﾘﾀﾞｼｼｰﾄｳｴF
73	PSHEP3545FCZZ	AC	DJ		C	Rear sheet	ｺｳﾀﾝｼｰﾄ
74	CBRSR0169FC01	AV	FG	N	B	D discharge brush	Dｼﾞｮﾃﾞﾝﾌﾞﾗｼ
75	LBNDJ0010FCZZ	AB	DD		C	Wire fixing band (NK-2N)	ｺｰﾄﾞﾊﾞﾝﾄﾞ
76	LPLTM4284FCZZ	AH	DX		C	Plate	ｲﾄﾞｳｶﾞﾜｼﾃﾝｲﾀ
77	LPLTM4283FCZZ	AK	EB		C	Plate	ｲﾄﾞｳｶﾞﾜｶｲﾍｲｲﾀ
78	QSW-Z0475FCZZ	AP	EQ		B	DPID photo sensor	DPIDﾌｫﾄｾﾝｻｰ
79	DHAi-2218FCZZ	AR	EZ		C	DPOD interface harness	DPOPﾁｭｳｹｲﾊｰﾈｽ
80	PGiDM1413FCZZ	AY	FQ		C	Upper paper guide	ｲﾄﾞｳｳｴﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ
81	MSPRT2052FCZZ	AB	DJ		C	Roller spring A	ｼﾞｭｳﾄﾞｳﾛｰﾗｰｲﾄﾞｳｽﾌﾟﾘﾝｸﾞ A
82	MSPRT2053FCZZ	AC	DJ		C	Roller spring B	ｼﾞｭｳﾄﾞｳﾛｰﾗｰｲﾄﾞｳｽﾌﾟﾘﾝｸﾞ B
83	CRŌLM0990FC01	AM	EG		C	Upper roller B	ｲﾄﾞｳｶﾞﾜｳｴﾛｰﾗｰB
84	NSFTZ1908FCZZ	AG	DX		C	Upper roller shaft A	ｲﾄﾞｳｳｴﾛｰﾗｰｼﾞｸA
85	NSFTZ1909FCZZ	AR	EQ		C	Upper roller shaft B	ｲﾄﾞｳｳｴﾛｰﾗｰｼﾞｸB
86	NRŌLP0989FCZZ	AD	DJ		C	Roller A	ｹﾘﾀﾞｼﾛｰﾗｰA
87	CRŌLP0944FC01	AM	EG		C	Upper roller	ｲﾄﾞｳｶﾞﾜｳｴﾛｰﾗｰ
89	LBNDJ0013FCZ1	AA	DJ		C	Wire band	ﾜｲﾔｰﾊﾞﾝﾄﾞ
90	PSHEZ3411FCZZ	AC	DJ		C	PG sheet DU	PGｶｲﾍｲｼｰﾄDU
91	TLABZ3416FCZZ	AB	DJ		C	Number label K	NOﾗﾍﾞﾙK
93	PGiDH1411FCZ1	AL	EB		C	Paper guide lower R	ｲﾄﾞｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｼﾀR
94	LPLTP4372FCZZ	AD	DJ		C	Plate	ｹﾘﾀﾞｼﾊﾞﾝ
95	PGiDH1412FCZ1	AM	EG		C	Guide	ｲﾄﾞｳｼﾀPGﾁｭｳｵｳｶﾞｲﾄﾞ
96	PGiDH1410FCZ1	AL	EB		C	Paper guide lower F	ｲﾄﾞｳﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｼﾀF
98	PGiDM1442FCZZ	AL	EG		C	Guide	ｹﾘﾀﾞｼｶﾞｲﾄﾞ
99	NBRGY0131FCZZ	AM	EG		B	Bearing (With ϕ22 E ring)	ﾍﾞｱﾘﾝｸﾞ
100	NRŌLP0942FCZZ	AD	DJ		C	Lower roller C	ｲﾄﾞｳｼﾀﾛｰﾗｰC
101	NRŌLR0970FCZZ	AT	EZ		C	Lower roller B	ｲﾄﾞｳｼﾀﾛｰﾗｰB
102	NBLTH0101FCZZ	AE	DS		B	Belt (118MXL)	ﾍﾞﾙﾄ
103	LFRM-0764FCZZ	AG	DX		C	Frame R	ｲﾄﾞｳﾌﾚｰﾑR
104	LSTYM0196FCZZ	AV	FG		C	Stay	ｲﾄﾞｳｶﾞﾜｽﾃｰ
105	LFRM-0763FCZZ	AH	DX		C	Frame F	ｲﾄﾞｳﾌﾚｰﾑF
106	PMAGT0015FCZZ	AD	DJ		B	Magnet catch (10P)	ﾏｸﾞﾈｯﾄｷｬｯﾁ
107	XBBSD30P04000	AA	DD		C	Screw (3 × 4)	ﾋﾞｽ
108	NRŌLR0953FCZZ	AN	EQ		C	Lower roller A	ｲﾄﾞｳｼﾀﾛｰﾗｰA
109	XWHSD30-05080	AA	DD		C	Washer	ﾜｯｼｬ
110	LBNDJ0043FCZZ	AA	DD		C	Snap band (SG-130)	ｽﾅｯﾌﾟﾊﾞﾝﾄﾞ
111	LSTYM0195FCZ1	AN	EQ		C	D frame stay	Dﾌﾚｰﾑｽﾃｰ
112	NSFTZ1979FCZZ	AS	EZ		C	Lift slide shaft	ﾘﾌﾄｽﾗｲﾄﾞｼﾞｸ
113	LPLTM5303FCZZ	AH	DX		C	Lift slide plate F	ﾘﾌﾄｽﾗｲﾄﾞｲﾀF
114	LPLTM4426FCZZ	AE	DS		C	Lift slide plate R	ﾘﾌﾄｽﾗｲﾄﾞｲﾀR
115	XBPSD30P08000	AA	DD		C	Screw (3 × 8)	ﾋﾞｽ

30 ﾃﾞｭｰﾌﾟﾚｯｸｽ部１ (Duplex section 1)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
116	LHLDW0895FCZZ	AC	DD		C	Eadge holder (EDS3)	ｴｯｼﾞｻﾄﾞﾙ
117	DHAi-2707FCZZ	BF	GN	N	C	Interface tray harness	ﾁｭｳｶﾝﾄﾚｲﾊｰﾈｽ
118	XBPSD30P25000	AA	DD		C	Screw (3 × 25)	ﾋﾞｽ
119	LX-BZ0527FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
120	LBSHZ2322RCZZ	AB	DD		C	Bushing (TA-314)	ｽﾍﾟｰｻｰ
121	NBRGC0225FCZZ	AC	DJ		B	Bearing 2B	ｼﾞｸｳｹ2B
122	MSPRC2240FCZZ	AB	DJ		C	Slide spring N	ｽﾗｲﾄﾞｽﾌﾟﾘﾝｸﾞ N
123	XHBSD30P08000	AA	DD		C	Screw (3 × 8)	ﾋﾞｽ
124	RMŌTP0728FCZZ	BA	GD		B	DUP vacuum motor	DUPﾊﾞｷｭｰﾑﾓｰﾀｰ
125	CPLTM4282FC01	AH	EB		C	ESPM fixing plate	ESPMﾄﾘﾂｹｲﾀ
126	XRESP50-06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
127	NGERH0699FCZZ	AE	DS		C	Gear E	ﾊｸﾞﾙﾏE
128	LHLDW7011XCZZ	AB	DD		C	Holder (YMC-05-0)	ﾐﾆｸﾗﾝﾌﾟ
129	NGERH0438FCZZ	AB	DD		C	Stirrer gear (31T)	ｶｸﾊﾝｷﾞﾔ
130	NBRGC0254FCZ1	AC	DJ		B	Delivery roller bearing	ﾊｲｼﾛｰﾗｰﾖｳｼﾞｸｳｹ
131	LPiNS0269FCZZ	AA	DJ		C	Spring pin (ϕ2.5-8)	SPﾋﾟﾝ
132	VHPGP1A22LC-1	AK	EB		B	Photo transistor (GP1A22LC)	ﾌｫﾄﾄﾗﾝｼﾞｽﾀｰ
133	XBPSD40P12K00	AA	DD		C	Screw (4 × 12K)	ﾋﾞｽ
134	NRŌLM0268FCZ1	AB	DJ		C	Cam roller B	ｶﾑﾛｰﾗｰ B
135	CPLTM4288FC01	AM	EG		C	Guide roller plate	ｶﾞｲﾄﾞﾛｰﾗｰｲﾀ
136	XNESD40-32000	AA	DD		C	Nut	ﾅｯﾄ
137	XWHSD40-08100	AA	DD		C	Washer	ﾜｯｼｬ
138	NSFTZ1984FCZZ	AR	EQ		C	D stay shaft	Dｽﾃｰｼﾞｸ
139	LHLDW2047SCZZ	AA	DD		C	Wire holder (WS-1NS)	ﾜｲﾔｰｻﾄﾞﾙ
140	NGERH0484FCZZ	AB	DD		C	Gear (46T)	46Tｷﾞﾔｰ
141	NSFTZ1903FCZZ	AQ	EQ		C	Drive shaft	ｶｹﾀﾞｼｸﾄﾞｳｼﾞｸ
142	CSFTZ1901FC51	AV	FG		E	DUP shaft unit	DUPﾆｭｳﾘｮｸｼﾞｸﾕﾆｯﾄ
143	NSFTZ1918FCZZ	AH	EB		C	Guide roller shaft B	ｶﾞｲﾄﾞﾛｰﾗｰｼﾞｸB
144	CFRM-0762FC02	BB	GD		C	D frame R	DﾌﾚｰﾑR
145	LFRM-0761FCZ1	AZ	FX		C	D frame F	DﾌﾚｰﾑF
146	XBPSD40P20000	AA	DD		C	Screw (4 × 20)	ﾋﾞｽ
147	LFiX-0499FCZZ	AD	DJ		C	Suction shaft fixer	ｻｸｼｮﾝｼﾞｸｵｻｴ
148	XBPSD30P06K00	AA	DD		C	Screw (3 × 6K)	ﾋﾞｽ
149	LPLTM4280FCZZ	AD	DS		C	Pulley plate A	ﾌﾟｰﾘｰﾌﾟﾚｰﾄA
150	PSHEP3399FCZZ	AB	DJ		C	Pulley sheet D	ﾌﾟｰﾘｰﾏｲﾗｰD
151	CPLYZ0279FC01	AN	EQ		C	Joint pulley	ﾚﾝｹﾂﾌﾟｰﾘｰ
152	LX-WZ0330FCZZ	AK	EB		C	Pulley flange DUP	ﾌﾟｰﾘｰﾌﾗﾝｼﾞ DUP
153	CPLTM4281FC01	AH	DX		C	Pulley plate B	ﾌﾟｰﾘｰﾌﾟﾚｰﾄB
154	PSPAP5020BCZZ	AA	DD		C	Spacer	ｽﾍﾟｰｻｰ
155	PCLR-0259FCZZ	AB	DD		C	Brake collar	ﾌﾞﾚｰｷﾖｳｶﾗｰ
156	MSPRT0735FCZZ	AA	DD		C	PS brake spring	PSﾌﾞﾚｰｷｽﾌﾟﾘﾝｸﾞ
157	LX-WZ0017FCZZ	AA	DD		C	Washer (ϕ8)	ﾜｯｼｬ
158	NBLTH0185FCZZ	AF	DS		B	Drive belt D	ｸﾄﾞｳﾍﾞﾙﾄ D
159	NBLTH0213FCZZ	AH	DX		B	192S3M belt	192S3Mﾍﾞﾙﾄ
160	PSHEP3408FCZZ	AC	DJ		C	Harness guide sheet	ﾊｰﾈｽｶﾞｲﾄﾞﾏｲﾗｰ
161	RPLU-0293FCZZ	AQ	EQ		B	D gate solenoid	Dｾﾝﾀﾝｹﾞｰﾄｿﾚﾉｲﾄﾞ
163	MLEVP0632FCZZ	AF	DX		C	D gate	Dｾﾝﾀﾝｹﾞｰﾄ
164	CPLTM4456FC01	AH	DX		C	D gate fixing plate	Dｾﾝﾀﾝｹﾞｰﾄﾄﾘﾂｹｲﾀ
165	LX-BZ0163FCZZ	AB	DD		C	Screw	ﾋﾞｽ
166	MSPRT2035FCZZ	AC	DJ		C	TX spring 2	TXｽﾌﾟﾘﾝｸﾞ2
167	NBRGY7019SCZZ	AB	DD		B	Bearing	Sﾎﾞﾃﾞｨｰｼﾞｸｳｹ
168	LX-WZ0390FCZZ	AB	DD		C	Washer	ﾜｯｼｬ
170	PRNGP0086FCZZ	AC	DJ		C	Harness ring	ﾊｰﾈｽﾘﾝｸﾞ
172	LX-BZ0699FCZZ	AA	DD		C	Screw (4 × 6)	ﾋﾞｽ
173	LX-BZ0535FCZZ	AB	DD		C	Clutch fixing screw	ｸﾗｯﾁｺﾃｲﾋﾞｽ
174	LDAiU0481FCZ1	AD	DJ	N	C	Block	ｹﾘﾀﾞｼﾌﾞﾛｯｸ
176	PSHEZ3510FCZZ	AF	DX		C	Rear block sheet	ｺｳﾀﾝﾌﾞﾛｯｸ
177	PSHEP3460FCZZ	AK	EB		C	PG lower sheet	ｲﾄﾞｳPGｼﾀｼｰﾄ
178	LPiNS0286FCZZ	AB	DJ		C	Pin (ϕ3.5-10)	ﾍｲｺｳﾋﾟﾝ
179	LBNDJ0002FCZZ	AA	DD		C	Wire fixing band (HP-4N)	ｺｰﾄﾞﾊﾞﾝﾄﾞ
180	PSHEP3550FCZZ	AB	DJ		C	Upper PG sheet R	ｲﾄﾞｳｳｴPGｼｰﾄ R
181	PSHEP3549FCZZ	AB	DJ		C	Upper PG sheet F	ｲﾄﾞｳｳｴPGｼｰﾄ F
182	PBRSR0168FCZZ	AG	DX	N	B	Discharge brush	ｺｳﾀﾝﾌﾞﾗｼ
183	PSHEP3551FCZZ	AD	DS		C	SB PG sheet	SBﾊｲｼｭﾂPGｼｰﾄ
185	PSHEP3560FCZZ	AC	DJ		C	Harness fixing sheet	ﾊｰﾈｽｵｻｴｼｰﾄ
186	NBRGY0475FCZZ	AG	DX		B	Bearing	ﾍﾞｱﾘﾝｸﾞ
187	PSPAZ0627FCZZ	AK	EB		C	Lower PG spacer	ｲﾄﾞｳｼﾀPGｽﾍﾟｰｻｰ
188	PSHEP3503FCZZ	AK	EB		C	PG joint sheet	ｺﾃｲｳｴPGﾚﾝｹﾂﾏｲﾗｰ
190	NPLYZ0310FCZZ	AH	DX		C	Pulley (20T)	ﾃﾂﾌﾟｰﾘｰ20T
191	LPLTM5286FCZZ	AH	DX		C	Discharge sheet fixing plate	ｼﾞｮﾃﾞﾝｼｰﾄﾄﾘﾂｹｲﾀ
192	PSHEZ4231FCZZ	AH	DX		C	Lift shaft discharge sheet	ﾘﾌﾄｼﾞｸｼﾞｮﾃﾞﾝｼ ｰ ﾄ
193	XBBSD40P04000	AA	DD		C	Screw (4 × 4)	ﾋﾞｽ
194	PSHEP4126FCZZ	AD	DJ		C	Roller guide sheet	ﾛｰﾗｰｶﾞｲﾄﾞｼｰﾄ
195	PSHEP4028FCZ1	AG	DS		C	Rear plate sheet R	ｺﾝﾀﾝﾏｲﾗｰR
196	PSHEP4027FCZ1	AG	DS		C	Rear plate sheet F	ｺﾝﾀﾝﾏｲﾗｰF
197	XBBSD40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
198	LX-BZ0560FCZZ	AA	DD		C	Screw (4 × 10)	ﾋﾞｽ
	ﾕﾆｯﾄ (Unit)						
901	DUNT-6860FCZZ	CU	VW	N	E	Center tray unit (Japan only)	ﾁｭｳｶﾝﾄﾚｲﾕﾆｯﾄ
	DUNT-6860FC12	CU	VW	N	E	Center tray unit (U,Kingdom only)	ﾁｭｳｶﾝﾄﾚｲﾕﾆｯﾄ
	DUNT-6860FC11	CU	VW	N	E	Center tray unit (Other countries)	ﾁｭｳｶﾝﾄﾚｲﾕﾆｯﾄ

30 ﾃﾞｭｰﾌﾟﾚｯｸｽ部1 (Duplex section 1)

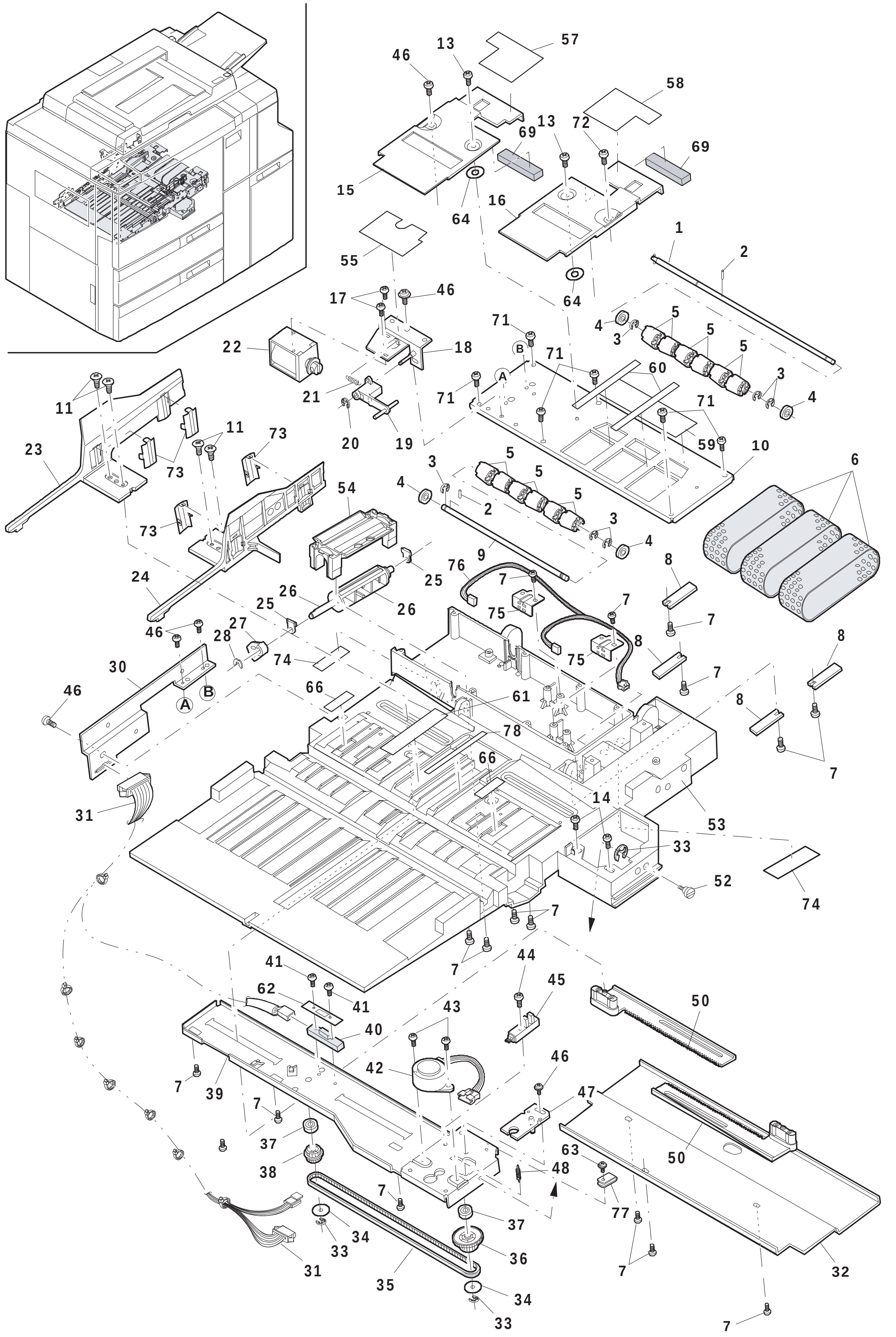

A
B
C
D
E
F
G
1 2 3 4 5 6 7 8 9 10 11 12 13 14 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 89 90 91 93 94 95 96 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 163 164 165 166 167 168 170 172 173 174 176 177 178 179 180 181 182 183 185 186 187 188 190 191 192 193 194 195 196 197 198

FCP01869

31 ﾃﾞｭｰﾌﾟﾚｯｸｽ部２ (Duplex section 2)

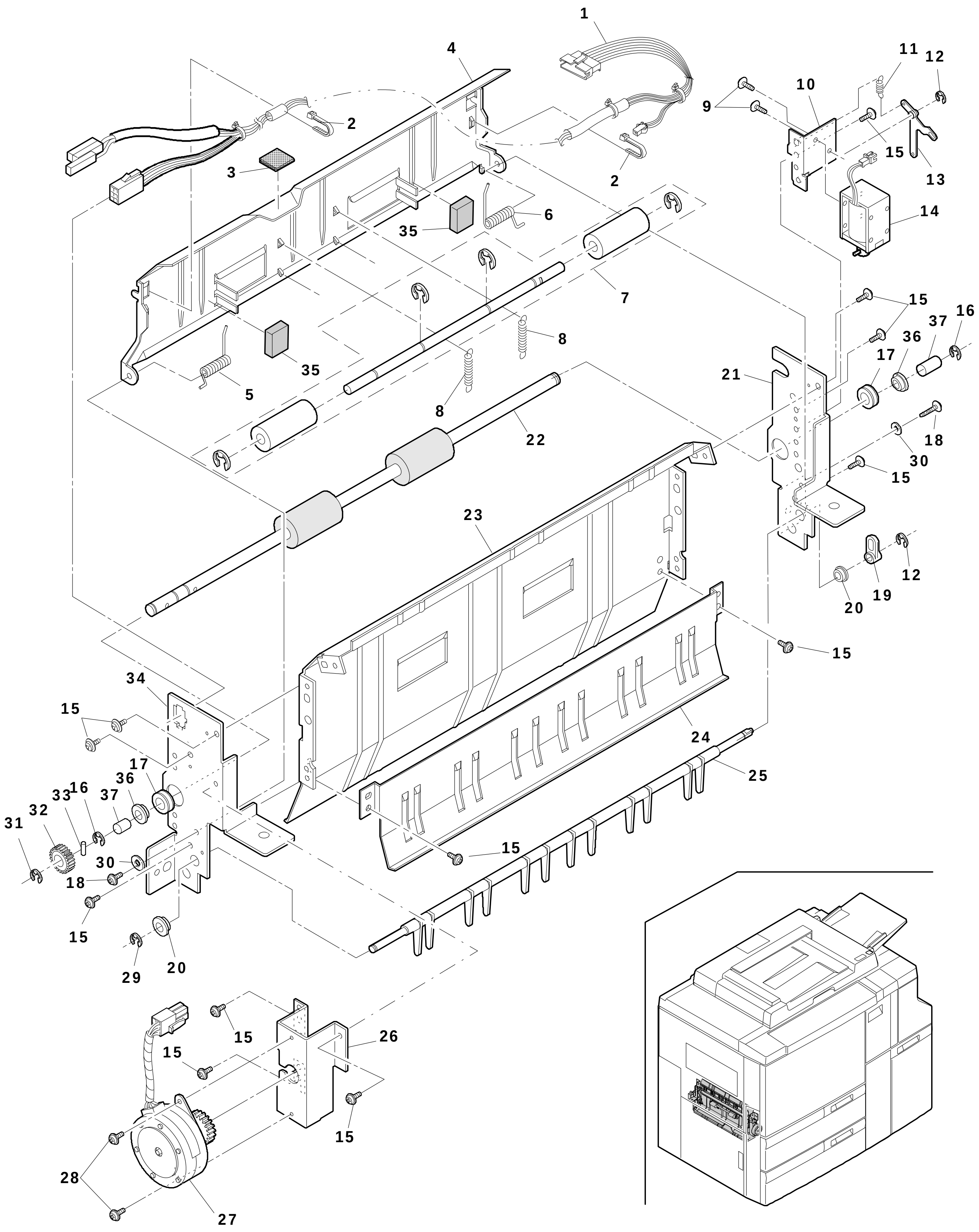
NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION	
1	CSFTZ1898FC51	AX	FQ		E	PF drive shaft DUP unit	ｷｭｳｼｸﾄﾞｳｼﾞｸDUPﾕﾆｯﾄ
2	LPiNS0096FCZZ	AB	DD		C	Pin (φ3-12)	ﾍｲｺｳﾋﾟﾝ
3	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
4	NBRGY0475FCZZ	AG	DX		B	Bearing	ﾍﾞｱﾘﾝｸﾞ
5	NRŌLP0755FCZZ	AB	DD		C	PF belt drive roller	ｷｭｳｼﾍﾞﾙﾄｸﾄﾞｳﾛｰﾗｰ
6	CBLTH0231FC31	AY	FQ		B	Paper feeding belt unit D	ｷｭｳｼﾍﾞﾙﾄﾕﾆｯﾄ D
7	XEBSD40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
8	LFiX-0498FCZZ	AC	DJ		C	Bearing fixing plate	ﾍﾞｱﾘﾝｸﾞｵｻｴ
9	NSFTZ1897FCZZ	AK	EB		C	Paper feeding shaft	ｷｭｳｼｼﾞｭｳﾄﾞｳｼﾞｸ
10	PDUC-0079FCZZ	AM	EQ		D	Vacuum dact upper	ｽｲｺﾐﾀﾞｸﾄ ｳｴ
11	LX-BZ0813FCZZ	AB	DD	N	C	Screw (3 × 10)	ﾋﾞｽ
13	LX-BZ0293FCZZ	AA	DD		C	Screw (4 × 8)(Black)	ﾋﾞｽ
14	LX-BZ0527FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
15	LPLTM4274FCZ2	AK	EB		C	Delivery plate R	ﾊｲｼﾊﾞﾝR
16	LPLTM4273FCZ2	AK	EB		C	Delivery plate F	ﾊｲｼﾊﾞﾝF
17	XBPSD30P06K00	AA	DD		C	Screw (3 × 6K)	ﾋﾞｽ
18	CPLTM4276FC01	AH	DX		C	Solenoid fixing plate 2	ｿﾚﾉｲﾄﾞﾄﾘﾂｹｲﾀ2
19	MARMP0155FCZZ	AC	DJ		C	BLB arm B	BLBｶﾄﾞｳｱｰﾑB
20	XRESP30-04000	AA	DD		C	E type ring (3mm)	Eﾘﾝｸﾞ
21	MSPRT2047FCZZ	AB	DJ		C	Valve return spring	ﾊﾞﾙﾌﾞﾌｯｷｽﾌﾟﾘﾝｸﾞ
22	RPLU-0285FCZZ	AS	EZ		B	Paper feeding solenoid A	ｷｭｳｼｿﾚﾉｲﾄﾞ A
23	LPLTP5131FCZZ	AP	EQ	N	C	Adjusting plate R	ｾｲｺﾞｳﾊﾞﾝR
24	LPLTP5130FCZZ	AP	EQ	N	C	Adjusting plate F	ｾｲｺﾞｳﾊﾞﾝF
25	NBRGP0471FCZZ	AC	DJ		B	Vacuum valve bearing	ｽｲｺﾐﾊﾞﾙﾌﾞｼﾞｸｳｹ
26	PVLVA0013FCZZ	AH	DX		C	Vacuum valve	ｽｲｺﾐﾊﾞﾙﾌﾞ
27	MARMP0154FCZZ	AC	DJ		C	BLB arm A	BLBｶﾄﾞｳｱｰﾑA
28	PRNGP0081FCZZ	AA	DJ		C	Ring (E4)	E4ｼﾞｭｼｾｲﾘﾝｸﾞ
30	LPLTM4272FCZZ	AL	EG		C	Duct hold plate	ﾀﾞｸﾄｼｼﾞﾊﾞﾝ
31	DHAi-2706FCZZ	AU	EZ	N	C	Center tray sub harness	ﾁｭｳｶﾝﾄﾚｲｻﾌﾞﾊｰﾈｽ
32	LPLTM4277FCZZ	AK	EB		C	Center tray bottom plate	ﾁｭｳｶﾝﾄﾚｲｿｺｲﾀ
33	XRESP50-06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
34	PSHEP2340FCZZ	AA	DD		C	Flange sheet DUP	ﾌﾗﾝｼﾞﾏｲﾗｰDUP
35	NBLTH0209FCZZ	AH	DX		B	Drive belt S	ｸﾄﾞｳﾍﾞﾙﾄS
36	NGERH0612FCZZ	AD	DJ		C	SK gear 1	SKｷﾞﾔｰ1
37	NBRGC0344FCZZ	AC	DD		B	Bearing (φ6)	ｼﾞｸｳｹ
38	NGERH0613FCZZ	AD	DJ		C	Belt gear	ﾍﾞﾙﾄｷﾞﾔｰ
39	CPLTM4269FC03	AU	EZ		C	Fixing plate	ｾｲｺﾞｳｲﾀﾄﾘﾂｹｲﾀ
40	VHPGP2A10//-1	AR	EZ		B	Photo transistor (GP2A10)	ﾌｫﾄﾄﾗﾝｼﾞｽﾀｰ
41	XBPSD30P10K00	AA	DD		C	Screw (3 × 10K)	ﾋﾞｽ
42	RMŌTP0808FCZZ	AY	FQ	N	B	Adjustment plate drive motor	ｾｲｺﾞｳﾊﾞﾝｸﾄﾞｳﾓｰﾀｰ
43	XHBSD30P08000	AA	DD		C	Screw (3 × 8)	ﾋﾞｽ
44	XBPSD40P12K00	AA	DD		C	Screw (4 × 12K)	ﾋﾞｽ
45	VHPGP1A22LC-1	AK	EB		B	Photo transistor (GP1A22LC)	ﾌｫﾄﾄﾗﾝｼﾞｽﾀｰ
46	LX-BZ0503FCZZ	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
47	CPLTM4058FC01	AG	DS		C	PM fixing plate	PMﾄﾘﾂｹﾊﾞﾝ
48	MSPRT1944FCZZ	AA	DD		C	Belt tension spring	ﾍﾞﾙﾄﾃﾝｼｮﾝｽﾌﾟﾘﾝｸﾞ
50	NGERR1148FCZZ	AL	EB	N	C	Adjustment plate rack gear	ｾｲｺﾞｳﾊﾞﾝﾗｯｸ
52	LX-BZ0677FCZZ	AD	DJ		C	Screw	ﾋﾞｽ
53	LSŌU-0109FCZ2	BD	GN		C	Paper tray	ﾖｳｼﾄﾚｲ
54	PGiDM1658FCZZ	AG	DX		C	Valve guide	ﾊﾞﾙﾌﾞｶﾞｲﾄﾞ
55	PSHEP3424FCZZ	AB	DJ		C	D solenoid protect sheet	DSOL ﾎｺﾞｼｰﾄ
57	PSHEP3505FCZZ	AQ	EQ		C	Delivery plate sheet R	ﾊｲｼﾊﾞﾝﾏｲﾗｰR
58	PSHEP3504FCZZ	AQ	EQ		C	Delivery plate sheet F	ﾊｲｼﾊﾞﾝﾏｲﾗｰF
59	PSHEP3506FCZZ	AK	EB		C	Duct upper sheet	ｷｭｳｲﾝﾀﾞｸﾄｳｴﾏｲﾗｰ
60	PSHEZ3507FCZZ	AK	EB		C	Belt sheet	ｷｭｳｲﾝﾍﾞﾙﾄﾘﾌﾞﾏｲﾗｰ
61	PSHEP3508FCZZ	AQ	EQ		C	Paper tray sheet	ﾖｳｼﾄﾚｲﾏｲﾗｰ
62	PSHEP3509FCZZ	AQ	EQ		C	Sensor cover sheet	ｾﾝｻｰｶﾊﾞｰｼｰﾄ
63	XHBSD40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
64	PSPAZ0625FCZZ	AQ	EQ		C	Delivery plate spacer	ﾊｲｼﾊﾞﾝｽﾍﾟｰｻｰ
66	PSPAZ0633FCZZ	AB	DJ		C	Paper tray spacer A	ﾖｳｼﾄﾚｲｽﾍﾟｰｻｰ A
69	PMLT-0929FCZZ	AB	DJ		C	Delivery plate cushion	ﾊｲｼﾊﾞﾝﾓﾙﾄ
71	LX-BZ0700FCZZ	AA	DD		C	Screw (4 × 12)	ﾋﾞｽ
72	XEBSD40P10000	AA	DD		C	Screw (4 × 10)	ﾋﾞｽ
73	LPLTM5132FCZZ	AE	DJ	N	C	Adjustment protect plate	ｾｲｺﾞｳﾊﾞﾝﾎｺﾞｲﾀ
74	PSHEP4353FCZZ	AC	DJ	N	C	Tray duct sheet	ﾖｳｼﾄﾚｲﾀﾞｸﾄｼｰﾄ
75	LPLTM5226FCZZ	AD	DJ	N	C	Tray sensor fixing plate	ﾄﾚｲｾﾝｻｰﾄﾘﾂｹｲﾀ
76	DHAi-2696FCZZ	AN	EG	N	C	DPFS harness	DPFSﾊｰﾈｽ
77	LBNDJ0002FCZZ	AA	DD		C	Wire fixing band (HP-4N)	ｺｰﾄﾞﾊﾞﾝﾄﾞ
78	PSHEP4358FCZZ	AC	DJ	N	C	Paper support sheet	ﾖｳｼｼｼﾞｼｰﾄ
	ﾕﾆｯﾄ (Unit)						
901	DUNT-6860FCZZ	CU	VW	N	E	Center tray unit (Japan only)	ﾁｭｳｶﾝﾄﾚｲﾕﾆｯﾄ
	DUNT-6860FC12	CU	VW	N	E	Center tray unit (U,Kingdom only)	ﾁｭｳｶﾝﾄﾚｲﾕﾆｯﾄ
	DUNT-6860FC11	CU	VW	N	E	Center tray unit (Other countries)	ﾁｭｳｶﾝﾄﾚｲﾕﾆｯﾄ

31 ﾃﾞｭｰﾌﾟﾚｯｸｽ部２ (Duplex section 2)



FCP01870

32 ｽｲｯﾁﾊﾞｯｸ部 (Switch back section)



FCP01871

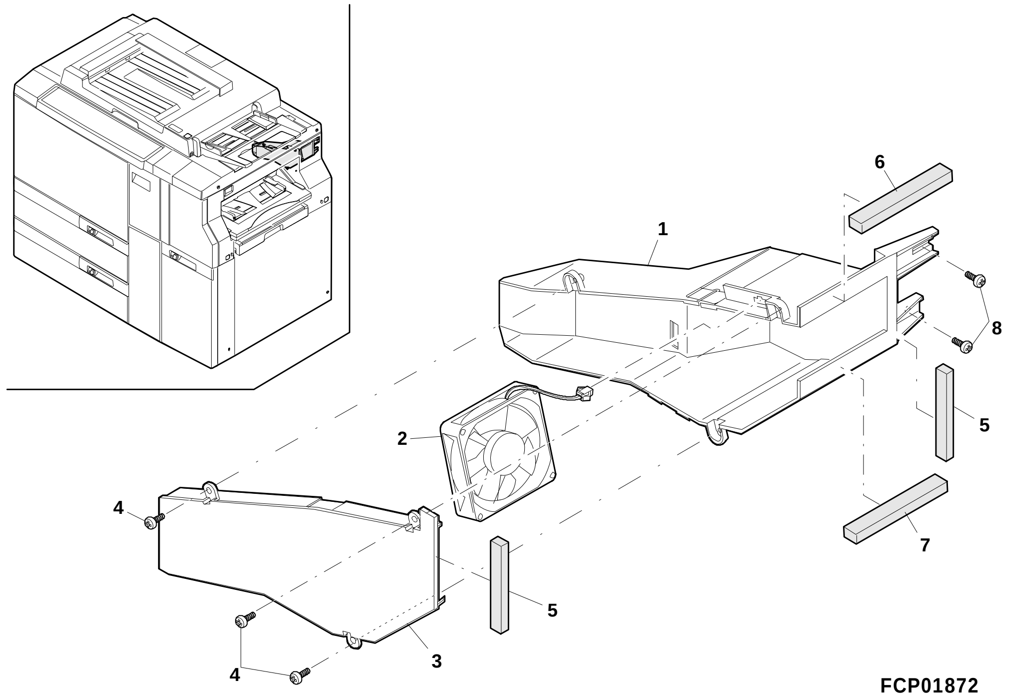
32 ｽｲｯﾁﾊﾞｯｸ部 (Switch back section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	DHAi−2149FCZZ	AR	EZ		C	SBM interface harness	SBMﾁｭｳｹｲﾊｰﾈｽ
2	LBNDJ2003SCZZ	AA	DD		C	Wire fixing band (PLT1M)	ﾜｲﾔｰｺﾃｲﾊﾞﾝﾄﾞ
3	PSHEZ3325FCZZ	AC	DJ		C	Paper guide open and shut sheet	ﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｶｲﾍｲｼｰﾄ
4	PGiDH1422FCZ1	AL	EB		C	Switch back paper guide C	SBﾍﾟｰﾊﾟｰｶﾞｲﾄﾞC
5	MSPRC2056FCZZ	AC	DJ		C	Paper guide C pressure spring R	ﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ−Cｱｯｾﾂｽﾌﾟﾘﾝｸﾞ R
6	MSPRC2055FCZZ	AC	DJ		C	Paper guide C pressure spring F	ﾍﾟｰﾊﾟｰｶﾞｲﾄﾞ−Cｱｯｾﾂｽﾌﾟﾘﾝｸﾞ F
7	CRŌLP0945FC33	AS	EZ		E	SB roller unit	SBｼﾞｭｳﾄﾞｳﾛｰﾗｰﾕﾆｯﾄ
8	MSPRC2574FCZZ	AD	DJ	N	C	SB spring	SBｽﾌﾟﾘﾝｸﾞ
9	XBPSD30P06KS0	AA	DD		C	Screw (3 ✕ 6KS)	ﾋﾞｽ
10	CPLTM4363FC01	AH	DX		C	Gate solenoid fixing plate	ｹﾞｰﾄｿﾚﾉｲﾄﾞﾄﾘﾂｹｲﾀ
11	MSPRC2576FCZZ	AD	DJ	N	C	SB valve spring	SBﾊﾞﾙﾌﾞｽﾌﾟﾘﾝｸﾞ
12	XRESP30−04000	AA	DD		C	E type ring (3mm)	Eﾘﾝｸﾞ
13	MLNKP0019FCZZ	AC	DJ		C	Link B for gate	ｹﾞｰﾄﾖｳﾘﾝｸB
14	RPLU−0291FCZZ	AS	EZ		B	Gate solenoid	ｹﾞｰﾄｿﾚﾉｲﾄﾞ
15	LX−BZ0527FCZZ	AA	DD		C	Screw (4 ✕ 8)	ﾋﾞｽ
16	XRESP70−08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
17	LBSHC0305FCZ1	AC	DJ		C	Bushing	ﾍﾞｱﾘﾝｸﾞﾌﾞｯｼｭ
18	XBPSD40P22000	AA	DD		C	Screw (4 ✕ 22)	ﾋﾞｽ
19	MLNKP0018FCZZ	AC	DJ		C	Link A for gate	ｹﾞｰﾄﾖｳﾘﾝｸA
20	NBRGP0266FCZZ	AA	DD		B	Bearing (ϕ5)	ｼﾞｸｳｹ
21	LFRM−0768FCZZ	AK	EB		C	Switch back frame F	SBﾌﾚｰﾑF
22	NRŌLR0977FCZ1	AV	FG		C	Switch back roller	SBﾛｰﾗｰ
23	PGiDH1423FCZ1	AR	EQ		C	Switch back paper guide D	SBﾍﾟｰﾊﾟｰｶﾞｲﾄﾞD
24	PGiDH1424FCZ1	AH	DX		C	Switch back paper guide G	SBﾍﾟｰﾊﾟｰｶﾞｲﾄﾞG
25	PGiDM1444FCZZ	AT	EZ		C	Switch back gate	SBｹﾞｰﾄ
26	LPLTM4296FCZZ	AF	DX		C	SB motor fixing plate	SBﾓｰﾀｰﾄﾘﾂｹｲﾀ
27	RMŌTP0731FCZZ	BA	GD		B	Switch back motor	SWﾊﾞｯｸﾓｰﾀｰ
28	XHBSF30P06000	AA	DD		C	Screw (3 ✕ 6)	ﾋﾞｽ
29	XRESP40−06000	AA	DD		C	E type ring (4mm)	Eﾘﾝｸﾞ
30	XWHSD40−08100	AA	DD		C	Washer	ﾜｯｼｬ
31	XRESP50−06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
32	NGERH0314FCZZ	AC	DD		C	Toner transport gear (16T)	ﾄﾅｰﾊﾝｿｳｷﾞﾔｰ
33	LPiNS0155FCZZ	AA	DD		C	Pin (ϕ3-10)	ﾍｲｺｳﾋﾟﾝ
34	LFRM−0769FCZZ	AK	EB		C	Switch back frame R	SBﾌﾚｰﾑR
35	PMLT−0913FCZZ	AB	DJ		C	SB cushion	SBｼﾞｭｳﾄﾞｳﾓﾙﾄ
36	NBRGY0434FCZZ	AN	EQ		B	Ball bearing (FLW67)	ﾎﾞｰﾙﾍﾞｱﾘﾝｸﾞ
37	PCLR−0417FCZZ	AB	DJ		C	SB collar	SBｶﾗｰ

33 DVﾀﾞｸﾄ部 (DV duct section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	PDUC−0142FCZZ	AQ	EQ	N	D	DV duct A	DVﾀﾞｸﾄA
2	RMŌTE0630FCZZ	AW	FX		B	Main motor (cooling)	ﾒｲﾝﾓｰﾀｰ(ﾚｲｷｬｸ)
3	PDUC−0143FCZZ	AL	EB	N	D	DV duct B	DVﾀﾞｸﾄB
4	XEBSD40P08000	AA	DD		C	Screw (4 ✕ 8)	ﾋﾞｽ
5	PMLT−1112FCZZ	AC	DJ	N	C	DV duct cushion A	DVﾀﾞｸﾄﾓﾙﾄA
6	PMLT−1113FCZZ	AC	DJ	N	C	DV duct cushion B	DVﾀﾞｸﾄﾓﾙﾄB
7	PMLT−1114FCZZ	AC	DJ	N	C	DV duct cushion C	DVﾀﾞｸﾄﾓﾙﾄC
8	LX−BZ0689FCZZ	AA	DD		C	Screw (4 ✕ 8)	ﾋﾞｽ

33 DVﾀﾞｸﾄ部 (DV duct section)



FCP01872

34 ｸｰﾘﾝｸﾞﾌｧﾝ部 (Cooling fan section)

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION	
1	XBPSD40P06K00	AA	DD		C	Screw (4 ✕ 6K)	ﾋﾞｽ
⚠ 2	CR−WZ0425FC02	AW	FG	N	B	Dry heater (100V···Japan only)	ｼﾞｮｼﾂﾋｰﾀｰ
⚠	CR−WZ0427FC02	AW	FG	N	B	Dry heater (120V)(100V series)	ｼﾞｮｼﾂﾋｰﾀｰ
⚠	CR−WZ0430FC02	AW	FG	N	B	Dry heater (240V)(200V series)	ｼﾞｮｼﾂﾋｰﾀｰ
3	RMŌTE0729FCZ1	AZ	FX		B	Cooling fan motor	ｸｰﾘﾝｸﾞﾌｧﾝﾓｰﾀｰ
4	XBPSD40P30000	AA	DD		C	Screw (4 ✕ 30)	ﾋﾞｽ
5	LPLTM4315FCZZ	AX	FQ		C	Cooling fan fixing plate	ｸｰﾘﾝｸﾞﾌｧﾝﾄﾘﾂｹｲﾀ
6	PFiLZ0202FCZZ	AS	EZ		B	Optical filter	ｺｳｶﾞｸﾌｨﾙﾀｰ
7	XHBSD30P06000	AA	DD		C	Screw (3 ✕ 6)	ﾋﾞｽ
8	DHAi−2217FCZZ	AK	EB		C	CFM harness	CFMﾊｰﾈｽ
9	LHLDW2085SCZZ	AA	DD		C	Mini clamp (UAMS-05-0)	ﾐﾆｸﾗﾝﾌﾟ
10	LBSHC2041SCZZ	AA	DD		C	Bushing (62MM)(Japan,100V series)	ﾌﾞｯｼﾝｸﾞ
11	LBNDJ0043FCZZ	AA	DD		C	Snap band (SG-130)	ｽﾅｯﾌﾟﾊﾞﾝﾄﾞ
12	LHLDW1013FCZZ	AB	DD		C	Clamp holder (YMC-10)	ﾖｺｶﾞﾀｸﾗﾝﾌﾟﾎﾙﾀﾞｰ
13	LBNDJ0010FCZZ	AB	DD		C	Wire fixing band (NK-2N)	ｺｰﾄﾞﾊﾞﾝﾄﾞ
14	LBSHC0323FCZZ	AD	DJ		C	Bushing	ﾌﾞｯｼﾝｸﾞ
15	PCŌVP1401FCZZ	AQ	EQ	N	C	Cooling fan cover	ｸｰﾘﾝｸﾞﾌｧﾝｶﾊﾞｰ

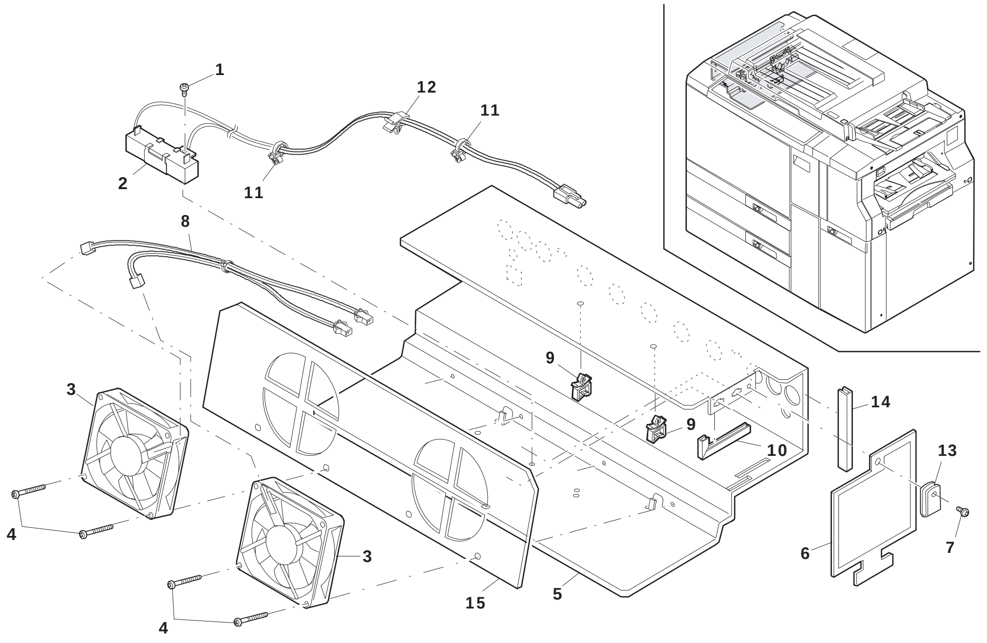
35 ｻｸｼｮﾝﾌｧﾝ部 (Suction fan section)

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION	
1	PDUC−0075FCZ1	AU	EZ		D	Suction duct A	ｻｸｼｮﾝﾀﾞｸﾄA
2	PDUC−0076FCZ2	AN	EG		D	Suction duct B	ｻｸｼｮﾝﾀﾞｸﾄB
4	PFiLZ0253FCZZ	AZ	FQ	N	B	Process ozone filter	ﾌﾟﾛｾｽｵｿﾞﾝﾌｨﾙﾀｰ
5	RMŌTE0630FCZZ	AW	FX		B	Main motor(cooling)	ﾒｲﾝﾓｰﾀｰ(ﾚｲｷｬｸ)
6	RMŌTP0595FCZZ	BB	GN		B	Cooling fan motor	ｸｰﾘﾝｸﾞﾌｧﾝﾓｰﾀｰ
7	XEPSD40P35000	AA	DD		C	Screw (4 ✕ 35)	ﾋﾞｽ
8	XUBSD40P12000	AA	DD		C	Screw (4 ✕ 12)	ﾋﾞｽ
9	PSHEP3462FCZ1	AC	DJ		C	FST sheet 2	FSTｼｰﾄ2
10	PSHEP3461FCZ1	AC	DJ		C	FST sheet 1	FSTｼｰﾄ1
11	PFiLZ0250FCZZ	BA	FX	N	B	Suction ozone filter	ｻｸｼｮﾝｵｿﾞﾝﾌｨﾙﾀｰ
12	LHLDW0006SCZZ	AB	DD		C	Wire clamp	ﾅｲﾛﾝｸﾗﾝﾌﾟ

36 定着ﾌｧﾝﾀﾞｸﾄ部 (Fusing fan duct section)

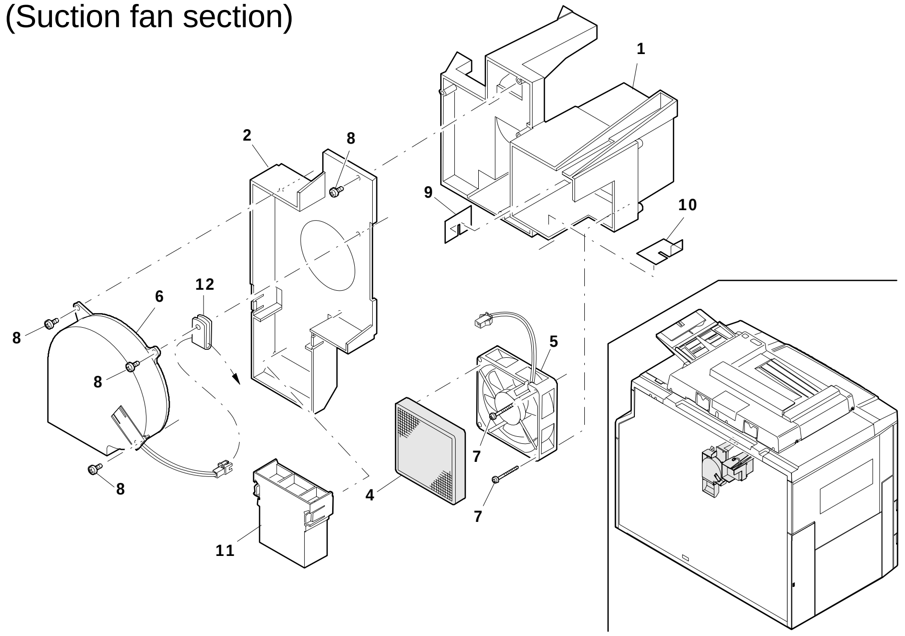
NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION	
1	PDUC−0077FCZ2	AT	EZ	N	D	FU duct A	FUﾀﾞｸﾄA
2	RMŌTE0630FCZZ	AW	FX		B	Main motor(cooling)	ﾒｲﾝﾓｰﾀｰ(ﾚｲｷｬｸ)
3	XEPSD40P35000	AA	DD		C	Screw (4 ✕ 35)	ﾋﾞｽ

34 ｸｰﾘﾝｸﾞﾌｧﾝ部 (Cooling fan section)



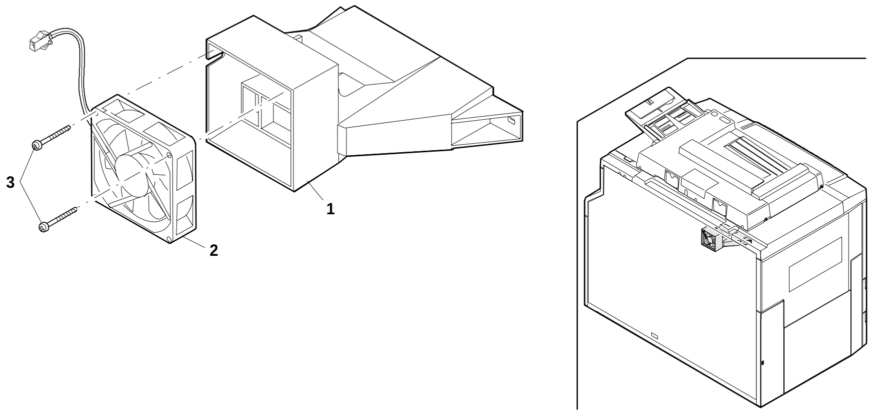
FCP01873

35 ｻｸｼｮﾝﾌｧﾝ部 (Suction fan section)



FCP01874

36 定着ﾌｧﾝﾀﾞｸﾄ部 (Fusing fan duct section)

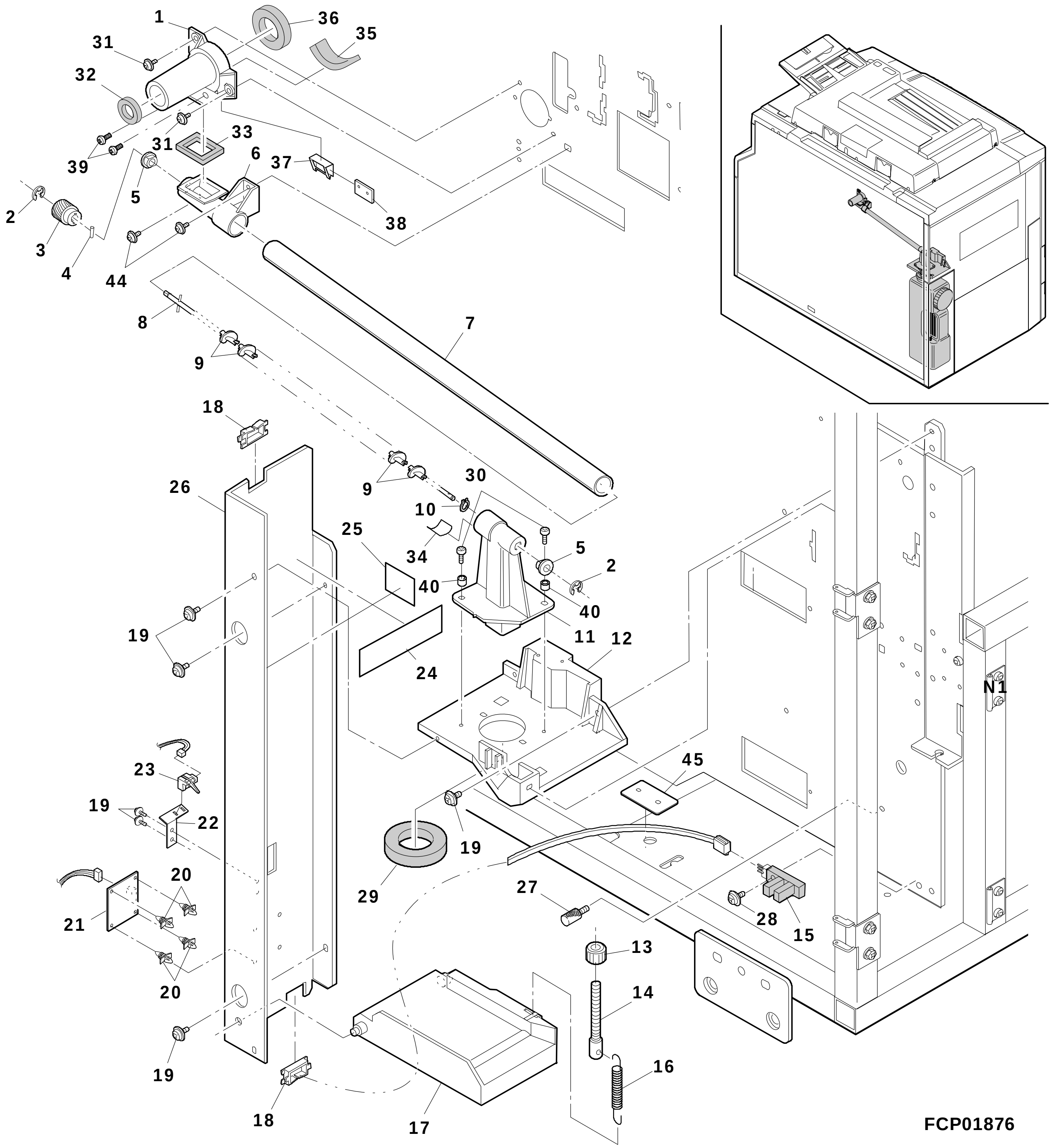


FCP01875

37 廃ﾄﾅｰ部 (Waste toner section)

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION	
1	PCOVP1168FCZZ	AF	DS		C	Waste toner cover	ﾊｲﾄﾅｰｶﾊﾞｰ
2	XRESP40-06000	AA	DD		C	E type ring (4mm)	Eﾘﾝｸﾞ
3	NGERH0922FCZZ	AE	DS		C	Waste toner gear	ﾊｲﾄﾅｰｼﾞｭｳﾄﾞｳｷﾞﾔｰ
4	LPiNS0133FCZZ	AA	DD		C	Pin (φ2-10)	ﾍｲｺｳﾋﾟﾝ
5	NBRGP0322FCZZ	AC	DD		B	Bearing MX	ﾍﾞｱﾘﾝｸﾞ MX
6	MJNTP0016FCZZ	AF	DS		C	Waste toner joint	ﾊｲﾄﾅｰｼﾞｮｲﾝﾄ
7	PPiPP0170FCZZ	AL	EG		C	Waste toner transport pipe	ﾊｲﾄﾅｰﾊﾝｿｳﾊﾟｲﾌﾟ
8	CSFTZ1866FC31	AY	FQ		E	Waste toner screw shaft unit	ﾊｲﾄﾅｰｽｸﾘｭｰｼﾞｸﾕﾆｯﾄ
9	NSRW-0026FCZZ	AC	DJ	N	C	Toner screw	ﾄﾅｰｽｸﾘｭｰ
10	PRNGP0025FCZZ	AA	DD		C	G type ring (GTW-5)	Gﾘﾝｸﾞ
11	LHLDZ1123FCZZ	AG	DX		C	Waste toner holder	ﾊｲﾄﾅｰﾎﾙﾀﾞｰ
12	PGiDM1440FCZ1	AN	EQ		C	Bottle guide	ﾎﾞﾄﾙｶﾞｲﾄﾞ
13	LX-NZ0081FCZZ	AD	DJ		C	Adjusting dial	ｵｰﾊﾞｰﾌﾛｰﾁｮｳｾｲﾀﾞｲﾔﾙ
14	LX-BZ0620FCZZ	AE	DS		C	Adjusting bolt	ｱﾂﾁｮｳｾｲﾎﾞﾙﾄ
15	VHPGP1A22LC-1	AK	EB		B	Photo transistor (GP1A22LC)	ﾌｫﾄﾄﾗﾝｼﾞｽﾀｰ
16	MSPRT2102FCZZ	AE	DS		C	Spring	ｵｰﾊﾞｰﾌﾛｰｹﾝﾁﾊﾞﾈ
17	LDAiU0478FCZZ	AP	EQ		C	Bottle hold base	ﾎﾞﾄﾙｼｼﾞﾀﾞｲ
18	LBSHC0161FCZZ	AB	DD		C	Bushing	ｴｯｼﾞｻﾄﾞﾙ
19	LX-BZ0689FCZZ	AA	DD		C	Screw (4×8)	ﾋﾞｽ
20	LSUPP0060FCZZ	AA	DD		C	PWB supporter (SPLS-6)	ｷﾊﾞﾝｻﾎﾟｰﾀｰ
21	CPWBF0998FC53	AS	EQ	N	E	Tray motor PWB (Japan,100V series)	ﾄﾚｲﾓｰﾀｰｷﾊﾞﾝ
	CPWBF0998FC54	AS	EQ	N	E	Tray motor PWB (200V series)	ﾄﾚｲﾓｰﾀｰｷﾊﾞﾝ
22	LPLTM3581FCZZ	AD	DJ		C	Bottle sensor fixing plate	ﾎﾞﾄﾙｾﾝｻｰﾄﾘﾂｹｲﾀ
23	QSW-Z0419FCZZ	AM	EG		B	Detect sensor N	ｹﾝﾁｾﾝｻｰN
24	PTPE-0186FCZZ	AC	DJ		C	Bottle guide tape	ﾎﾞﾄﾙｶﾞｲﾄﾞﾃｰﾌﾟ
25	PTPE-0187FCZZ	AC	DJ		C	Bottle slide tape	ﾎﾞﾄﾙｽﾗｲﾄﾞﾃｰﾌﾟ
26	PCASZ0246FCZZ	AV	FG		C	Bottle case	ﾎﾞﾄﾙｹｰｽ
27	LX-BZ0108FCZZ	AC	DD		C	Screw	ｼﾘｺﾝﾌﾞﾚｰﾄﾞﾖｳﾀﾞﾝﾋﾞｽ
28	XHBSE40P10000	AA	DD		C	Screw (4×10)	ﾋﾞｽ
29	PMLT-0890FCZZ	AD	DS		C	Waste toner cushion	ﾊｲﾄﾅｰﾓﾙﾄ
30	XEPSD40P10X00	AA	DD		C	Screw (4×10X)	ﾋﾞｽ
31	XHBSE40P06000	AA	DD		C	Screw (4×6)	ﾋﾞｽ
32	PMLT-0891FCZZ	AB	DJ		C	Waste toner cover cushion	ﾊｲﾄﾅｰｶﾊﾞｰﾓﾙﾄ
33	PMLT-0892FCZZ	AB	DJ		C	Waste toner seal cushion	ﾊｲﾄﾅｰｼｰﾙﾓﾙﾄ
34	PSHEP3555FCZZ	AC	DJ		C	Waste toner holder sheet	ﾊｲﾄﾅｰﾎﾙﾀﾞｰﾏｲﾗｰ
35	PMLT-0915FCZZ	AB	DJ		C	Waste toner cover cushion B	ﾊｲﾄﾅｰｶﾊﾞｰﾓﾙﾄ B
36	PMLT-0914FCZZ	AF	DS		C	Waste toner cover cushion A	ﾊｲﾄﾅｰｶﾊﾞｰﾓﾙﾄ A
37	LPLTM4516FCZ1	AD	DJ		C	Vibration plate	ｼﾝﾄﾞｳﾗｯｶｲﾀ
38	LPLTM4515FCZZ	AC	DJ		C	Plate spring fixing plate	ｲﾀﾊﾞﾈｺﾃｲﾊﾞﾝ
39	XBPSD30P04000	AA	DD		C	Screw (3×4)	ﾋﾞｽ
40	PCLR-0391FCZZ	AA	DJ		C	Holder fixing collar	ﾎﾙﾀﾞｰｺﾃｲﾖｳｶﾗｰ
44	XBBSD40P08000	AA	DD		C	Screw (4×8)	ﾋﾞｽ
45	LPLTM4446FCZZ	AD	DJ		C	2000 tray fixing plate	2000ﾄﾚｲﾄﾘﾂｹｲﾀ

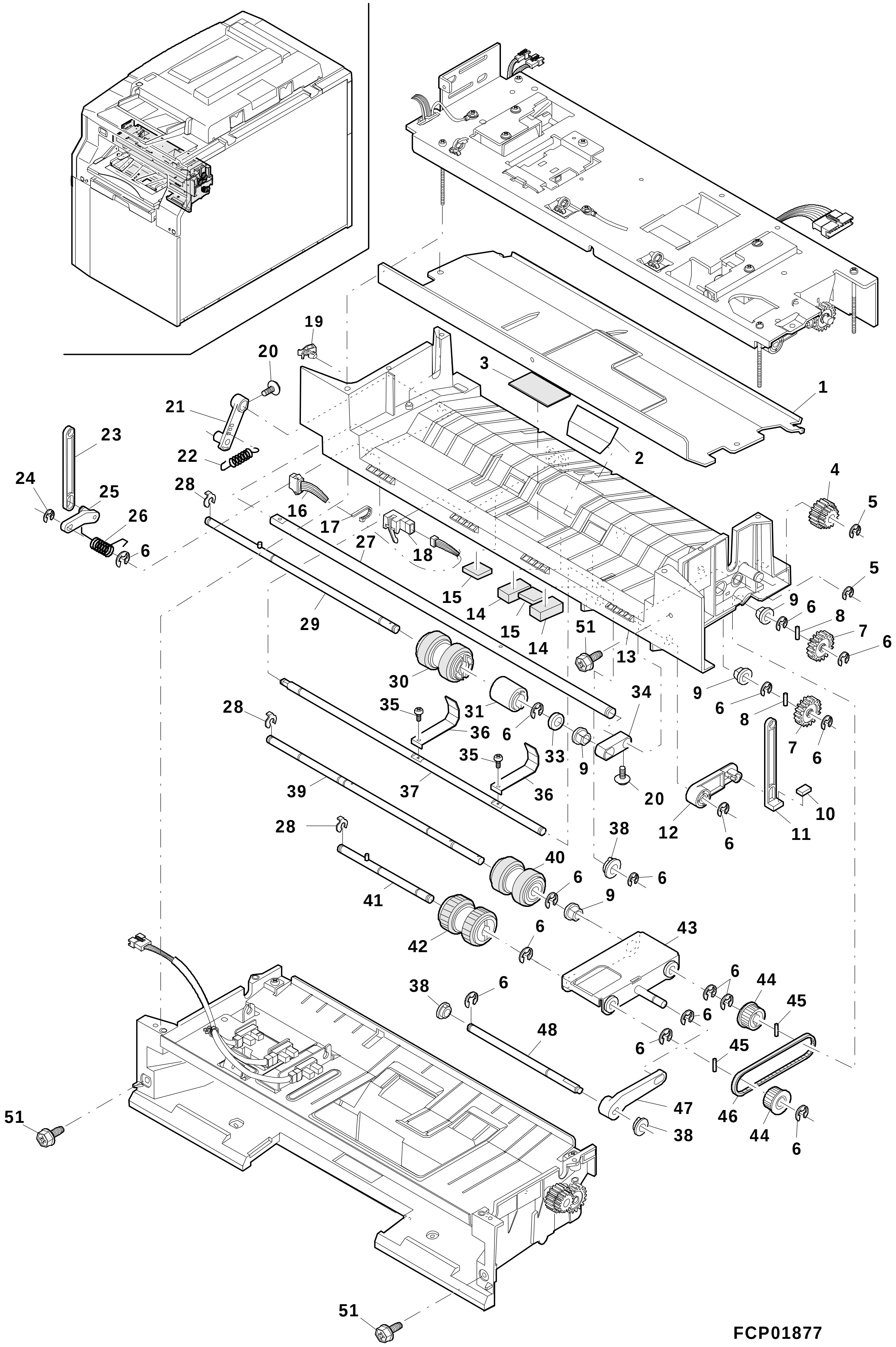
37 廃ﾄﾅｰ部 (Waste toner section)



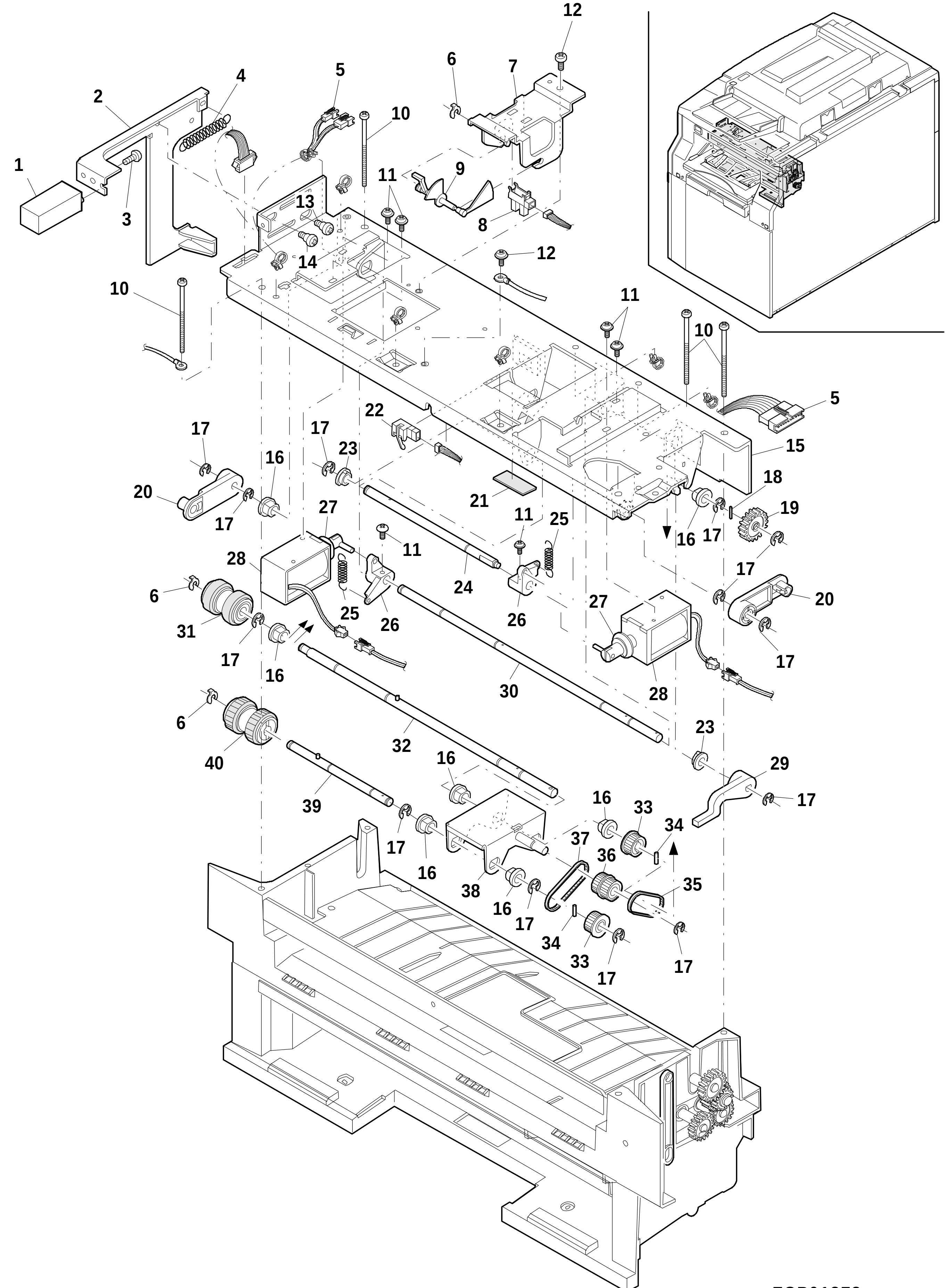
38 手差し給紙部１(Manual paper feeding section 1)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	PGiDH1706FCZZ	AR	EQ	N	C	Manual paper guide upper	ﾃｻﾞｼﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｳｴ
2	PSHEP4211FCZZ	AC	DJ	N	C	Pad sheet	ﾊﾟｯﾄﾏｲﾗｰ
3	PSHEZ3305FCZZ	AC	DJ		C	PG pad sheet	PGﾊﾟｯﾄ
4	NGERH1174FCZZ	AQ	EQ		C	Manual feeding multi gear	ﾃｻﾞｼﾏﾙﾁｷﾞﾔｰ
5	XRESP70−08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
6	XRESP50−06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
7	NGERH0209FCZ1	AB	DD		C	Delivery roller gear 24T	ﾊｲｼﾛｰﾗｷﾞﾔｰ 24T
8	LPiNS0165FCZZ	AB	DD		C	Pin (φ2-8)	ﾍｲｺｳﾋﾟﾝ
9	NBRGM1040HCZZ	AC	DJ		B	Bearing	ﾍﾞｱﾘﾝｸﾞ
10	PCUSF0352FCZZ	AB	DJ	N	C	Protect cushion	ﾎﾞｳｼﾝｸｯｼｮﾝ
11	MARMP0221FCZZ	AD	DJ	N	C	PU joint arm C	PUﾚﾝｹﾂｱｰﾑC
12	MARMP0160FCZZ	AD	DJ		C	G drive arm 1	Gｸﾄﾞｳｱｰﾑ1
13	CGiDM1705FC01	AZ	FQ	N	C	Manual paper guide lower	ﾃｻﾞｼﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｼﾀ
14	PMLT−1098FCZZ	AC	DJ	N	C	PU cushion C	PUﾓﾙﾄC
15	PMLT−1097FCZZ	AB	DJ	N	C	Gate cushion	ｹﾞｰﾄﾓﾙﾄ
16	DHAi−2713FCZZ	AH	DX	N	C	CPFD interface harness	CPFDﾁｭｳｹｲﾊｰﾈｽ
17	LBNDJ0013FCZ1	AA	DJ		C	Wire band	ﾜｲﾔｰﾊﾞﾝﾄﾞ
18	QSW−L0443FCZZ	AM	EG		B	Lead switch (PID1)	ﾘｰﾄﾞｽｲｯﾁ
19	LHLDW1013FCZZ	AB	DD		C	Clamp holder (YMC-10)	ﾖｺｶﾞﾀｸﾗﾝﾌﾟﾎﾙﾀﾞｰ
20	XBPSD30P06KS0	AA	DD		C	Screw (3×6KS)	ﾋﾞｽ
21	LPLTP5231FCZZ	AD	DJ	N	C	Release plate M	ｶｲｼﾞｮﾊﾞﾝM
22	MSPRC2531FCZZ	AC	DJ	N	C	Pressure spring M	ｱｯｾﾂｽﾌﾟﾘﾝｸﾞM
23	MARMP0161FCZZ	AC	DJ		C	G drive arm 2	Gｸﾄﾞｳｱｰﾑ2
24	XRESP30−04000	AA	DD		C	E type ring (3mm)	Eﾘﾝｸﾞ
25	MARMP0217FCZZ	AD	DJ	N	C	Gate arm	ｹﾞｰﾄｱｰﾑ
26	MSPRC2533FCZZ	AD	DJ	N	C	Gate spring	ｹﾞｰﾄｽﾌﾟﾘﾝｸﾞ
27	NSFTZ2400FCZZ	AQ	EQ	N	C	Reversing fulcrum shaft	ｷﾞｬｸﾃﾝｼﾃﾝｼﾞｸ
28	LSTPP0279FCZZ	AB	DD		C	Stopper	ｽﾄｯﾊﾟｰ
29	CSFTZ2391FC01	AM	EG	N	C	Reversing shaft	ｷﾞｬｸﾃﾝｼﾞｸ
30	NRŌLR0964FCZZ	AP	EQ		C	Reversing roller	ｷﾞｬｸﾃﾝﾛｰﾗｰ
31	PCLC−0220FCZZ	AV	FG		B	Torque limiter	ﾄﾙｸﾘﾐｯﾀｰ
33	PCUSF0355FCZZ	AC	DJ	N	C	Cushion	ｽﾍﾟｰｽｸｯｼｮﾝ
34	LPLTP5230FCZZ	AD	DJ	N	C	Reversing plate M	ｷﾞﾔｸﾃﾝﾊﾞﾝM
35	XBBSD30P06000	AA	DD		C	Screw (3×6)	ﾋﾞｽ
36	PGiDH1708FCZZ	AF	DS	N	C	Gate	ｹﾞｰﾄ
37	NSFTZ2401FCZZ	AQ	EQ	N	C	Gate shaft	ｹﾞｰﾄｼﾞｸ
38	NBRGC0188FCZZ	AB	DD		B	PF bearing	PFｼﾞｸｳｹ
39	CSFTZ2390FC01	AN	EQ	N	C	Paper feeding shaft C	ｷｭｳｼｼﾞｸC
40	NRŌLR0955FCZZ	AT	EZ		C	Paper feeding roller	ｷｭｳｼﾛｰﾗｰ
41	CSFTZ2393FC01	AK	EB	N	C	PU shaft	PUｼﾞｸ
42	NRŌLR0956FCZZ	AM	EQ		C	PU roller	PUﾛｰﾗｰ
43	CPLTM5236FC02	AT	EZ	N	C	PU joint plate C	PUﾚﾝｹﾂｲﾀC
44	NPLYZ0254FCZZ	AD	DJ		C	Drive pulley (MXL24T)	ｸﾄﾞｳﾌﾟｰﾘｰ
45	LPiNS0155FCZZ	AA	DD		C	Pin (φ3-10)	ﾍｲｺｳﾋﾟﾝ
46	NBLTH0285FCZZ	AH	DX	N	B	PUC belt	PUCﾍﾞﾙﾄ
47	MARMP0220FCZZ	AD	DJ	N	C	PU arm AC	PUｱｰﾑAC
48	NSFTZ2394FCZZ	AN	EG	N	C	PU shaft	PUﾃﾞﾝﾀﾂｼﾞｸ
51	LX−BZ0689FCZZ	AA	DD		C	Screw (4×8)	ﾋﾞｽ
	ﾕﾆｯﾄ (Unit)						
901	DUNT−6864FCZZ	CD	UD	N	E	Multi manual paper feeding unit	ﾃｻﾞｼﾏﾙﾁｷｭｳｼﾕﾆｯﾄ

38 手差し給紙部１(Manual paper feeding section 1)



39 手差し給紙部２ (Manual paper feeding section 2)



FCP01878

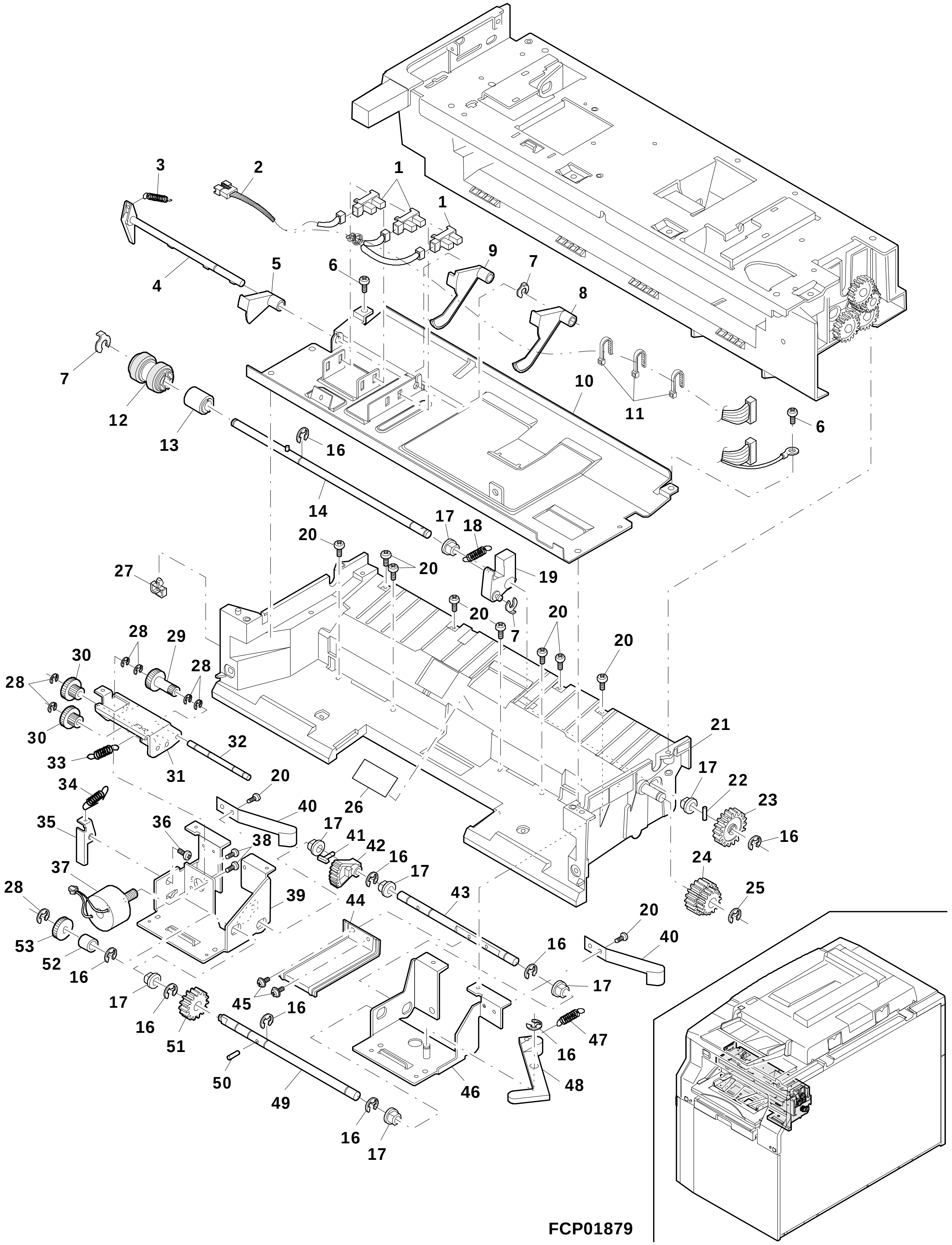
39 手差し給紙部２ (Manual paper feeding section 2)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	PCŌVP1393FCZZ	AC	DJ	N	C	Release cover	ｶｲｼﾞｮｶﾊﾞｰ
2	MLEVF0720FCZZ	AN	EQ	N	C	Release L lever	ｶｲｼﾞｮLﾚﾊﾞｰ
3	XEBSD40P08000	AA	DD		C	Screw (4 ✕ 8)	ﾋﾞｽ
4	MSPRC2534FCZZ	AC	DJ	N	C	Release L lever spring	ｶｲｼﾞｮLﾚﾊﾞｰｽﾌﾟﾘﾝｸﾞ
5	DHAi−2711FCZZ	AX	FG	N	C	Multi unit main harness	ﾏﾙﾁUNﾒｲﾝﾊｰﾈｽ
6	LSTPP0279FCZZ	AB	DD		C	Stopper	ｽﾄｯﾊﾟｰ
7	LPLTM5234FCZZ	AG	DX	N	C	MPED fixing plate	MPEDﾄﾘﾂｹﾊﾞﾝ
8	VHPGP1A71A1−1	AG	DX		B	Photo sensor (GP1A71A1)	ﾌｫﾄｾﾝｻｰ
9	MLEVP0623FCZZ	AD	DS		C	Lever ACC	ﾆｭｳｼﾚﾊﾞｰACC
10	XBPSD40P85000	AA	DD	N	C	Screw (4 ✕ 85)	ﾋﾞｽ
11	XBPSD30P06KS0	AA	DD		C	Screw (3 ✕ 6KS)	ﾋﾞｽ
12	XHBSE40P10000	AA	DD		C	Screw (4 ✕ 10)	ﾋﾞｽ
13	LX−BZ0140FCZZ	AB	DD		C	Screw	ﾋﾞｽ
14	LX−BZ0814FCZZ	AD	DJ	N	C	Screw (M4)	ﾀﾞﾝﾋﾞｽ
15	CPLTM5229FC01	BA	FX	N	C	Paper feeding joint plate	ｷｭｳｼﾚﾝｹﾂﾊﾞﾝ
16	NBRGM1040HCZZ	AC	DJ		B	Bearing	ﾍﾞｱﾘﾝｸﾞ
17	XRESP50−06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
18	LPiNS0165FCZZ	AB	DD		C	Pin (ϕ 2-8)	ﾍｲｺｳﾋﾟﾝ
19	NGERH0209FCZ1	AB	DD		C	Delivery roller gear 24T	ﾊｲｼﾛｰﾗｷﾞﾔｰ 24T
20	MARMP0160FCZZ	AD	DJ		C	G drive arm 1	Gｸﾄﾞｳｱｰﾑ1
21	PMLT−1099FCZZ	AC	DJ	N	C	PU cushion M	PUﾓﾙﾄM
22	QSW−Z0457FCZZ	AP	EQ		B	DGD1 switch	DGD1ｽｲｯﾁ
23	NBRGC0188FCZZ	AB	DD		B	PF bearing	PFｼﾞｸｳｹ
24	NSFTZ2396FCZZ	AP	EQ	N	C	PU arm shaft	PUｱｰﾑｼﾞｸ
25	MSPRC2535FCZZ	AD	DJ	N	C	PU arm spring	PUｱｰﾑｽﾌﾟﾘﾝｸﾞ
26	MARMP0219FCZZ	AD	DJ	N	C	PU drive arm	PUｸﾄﾞｳｱｰﾑ
27	PGUMS0245FCZZ	AH	DX		C	MPFS rubber	MPFSｺﾞﾑ
28	RPLU−0290FCZZ	AT	FG		B	Multi feeding solenoid	ﾏﾙﾁｿﾚﾉｲﾄﾞ
29	MARMP0218FCZZ	AD	DJ	N	C	PU joint arm	PUﾚﾝｹﾂｱｰﾑ
30	NSFTZ2397FCZZ	AM	EG	N	C	PU arm shaft C	PUｱｰﾑｼﾞｸC
31	NRŌLR0955FCZZ	AT	EZ		C	Paper feeding roller	ｷｭｳｼﾛｰﾗｰ
32	CSFTZ2395FC01	AN	EQ	N	C	Paper feeding shaft M	ｷｭｳｼｼﾞｸM
33	NPLYZ0254FCZZ	AD	DJ		C	Drive pulley (MXL24T)	ｸﾄﾞｳﾌﾟｰﾘｰ
34	LPiNS0155FCZZ	AA	DD		C	Pin (ϕ 3-10)	ﾍｲｺｳﾋﾟﾝ
35	NBLTH0286FCZZ	AH	DX	N	B	PU drive belt	PUｸﾄﾞｳﾍﾞﾙﾄ
36	NPLYZ0325FCZZ	AC	DJ	N	C	Joint pulley (MXL24)	ﾚﾝｹﾌﾟｰﾘｰ
37	NBLTH0287FCZZ	AH	DX	N	B	PU belt	PUﾃﾞﾝﾀﾂﾍﾞﾙﾄ
38	CPLTM5232FC01	AH	DX	N	C	PU joint plate M	PUﾚﾝｹﾂｲﾀM
39	CSFTZ2393FC01	AK	EB	N	C	PU shaft	PUｼﾞｸ
40	NRŌLR0956FCZZ	AM	EQ		C	PU roller	PUﾛｰﾗｰ
	ﾕﾆｯﾄ (Unit)						
901	DUNT−6864FCZZ	CD	UD	N	E	Multi manual paper feeding unit	ﾃｻﾞｼﾏﾙﾁｷｭｳｼﾕﾆｯﾄ

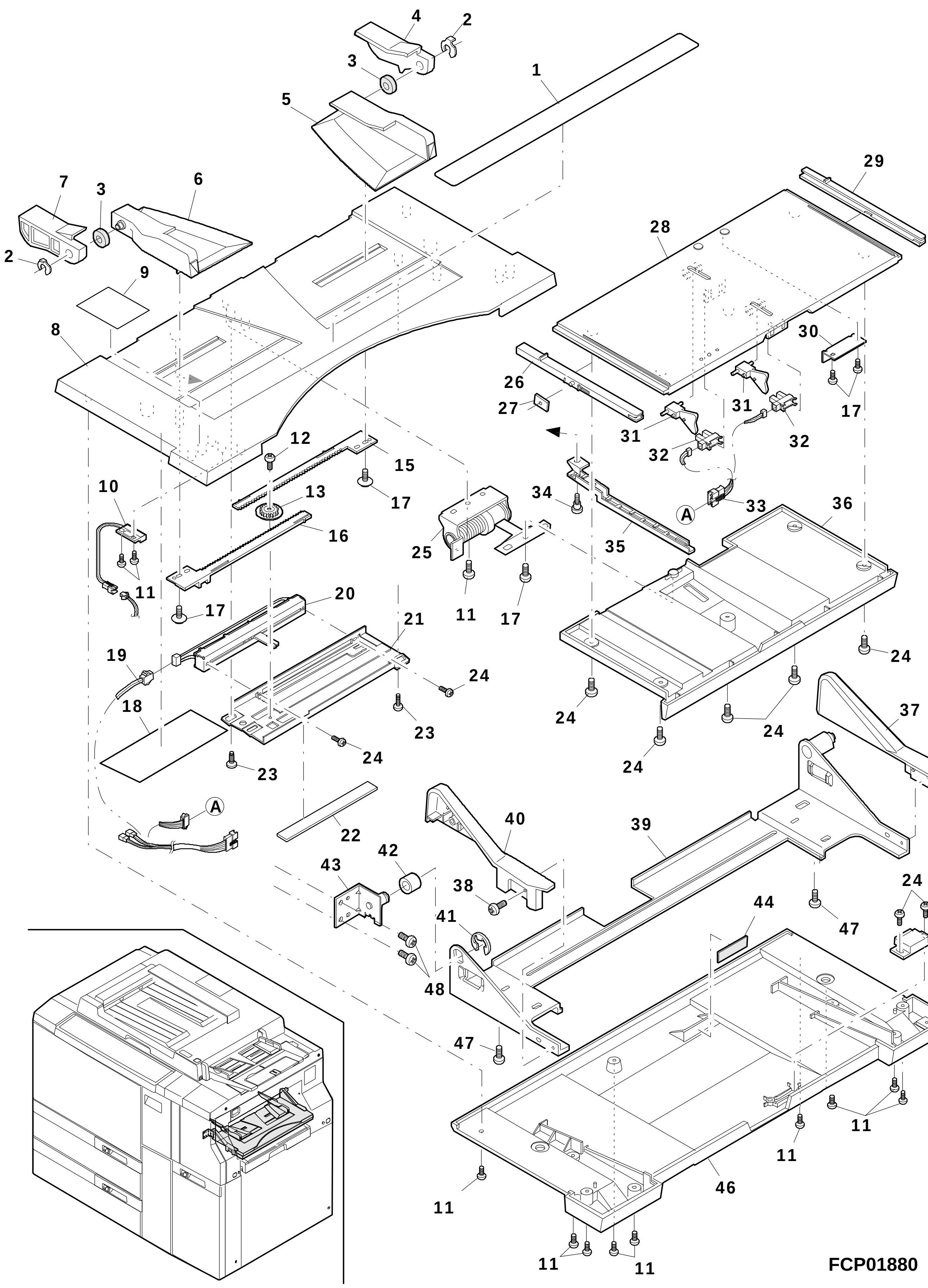
40 手差し給紙部3 (Manual paper feeding section 3)

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION	
1	VHPGP1A71A1-1	AG	DX		B	Photo sensor (GP1A71A1)	ﾌｫﾄｾﾝｻｰ
2	DHAi-2712FCZZ	AQ	EQ	N	C	CPED interface harness	CPEDﾁｭｳｹｲﾊｰﾈｽ
3	MSPRC2540FCZZ	AC	DJ	N	C	Sensor spring	ｾﾝｻｰｽﾌﾟﾘﾝｸﾞ
4	NSFTZ2363FCZZ	AF	DS	N	C	Sensor shaft	ｾﾝｻｰｼﾞｸ
5	MLEVP0725FCZZ	AD	DJ	N	C	Tray detect lever	ﾄﾚｲｹﾝﾁﾚﾊﾞｰ
6	XEBSD40P12000	AA	DD		C	Screw (4 ✕ 12)	ﾋﾞｽ
7	LSTPP0279FCZZ	AB	DD		C	Stopper	ｽﾄｯﾊﾟｰ
8	MLEVP0723FCZZ	AE	DJ	N	C	CPED lever	CPEDﾚﾊﾞｰ
9	MLEVP0724FCZZ	AD	DJ	N	C	Actuator	ｼﾞｮｳｹﾞﾝｹﾝﾁｱｸﾁｭｴｰﾀｰ
10	PGiDH1707FCZZ	AQ	EQ	N	C	Tray paper guide upper	ﾄﾚｲﾍﾟｰﾊﾟｰｶﾞｲﾄﾞｳｴ
11	LBNDJ0013FCZ1	AA	DJ		C	Wire band	ﾜｲﾔｰﾊﾞﾝﾄﾞ
12	NRŌLR0964FCZZ	AP	EQ		C	Reversing roller	ｷﾞｬｸﾃﾝﾛｰﾗｰ
13	PCLC-0220FCZZ	AV	FG		B	Torque limiter	ﾄﾙｸﾘﾐｯﾀｰ
14	CSFTZ2391FC01	AM	EG	N	C	Reversing shaft	ｷﾞｬｸﾃﾝｼﾞｸ
16	XRESP50-06000	AA	DD		C	E type ring (5mm)	Eﾘﾝｸﾞ
17	NBRGM1040HCZZ	AC	DJ		B	Bearing	ﾍﾞｱﾘﾝｸﾞ
18	MSPRC2532FCZZ	AC	DJ	N	C	Pressure spring c	ｱｯｾﾂｽﾌﾟﾘﾝｸﾞ C
19	LPLTP5235FCZZ	AE	DJ	N	C	Reversing plate C	ｷﾞｬｸﾃﾝﾊﾞﾝC
20	XBBSD30P06000	AA	DD		C	Screw (3 ✕ 6)	ﾋﾞｽ
21	CDAiU0555FC01	BA	FX	N	C	Paper feeding plate	ｷｭｳｼﾀﾞｲ
22	LPiNS0165FCZZ	AB	DD		C	Pin (ϕ2-8)	ﾍｲｺｳﾋﾟﾝ
23	NGERH0209FCZ1	AB	DD		C	Delivery roller gear 24T	ﾊｲｼﾛｰﾗｷﾞｬｰ 24T
24	NGERH1174FCZZ	AQ	EQ		C	Manual feeding multi gear	ﾃｻﾞｼﾏﾙﾁｷﾞｬｰ
25	XRESP70-08000	AA	DD		C	E type ring (7mm)	Eﾘﾝｸﾞ
26	PSHEP4287FCZZ	AD	DJ	N	C	Pad sheet C	ﾊﾟｯﾄﾏｲﾗｰC
27	LHLDW1013FCZZ	AB	DD		C	Clamp holder (YMC-10)	ﾖｺｶﾞﾀｸﾗﾝﾌﾟﾎﾙﾀﾞｰ
28	XRESP30-04000	AA	DD		C	E type ring (3mm)	Eﾘﾝｸﾞ
29	NGERH1180FCZZ	AC	DJ	N	C	Worm wheel gear (35T)	ｳｵｰﾑﾎｲｰﾙｷﾞｬｰ
30	NGERH1184FCZZ	AC	DJ	N	C	Gear (16/32T)	ﾀﾞﾝｷﾞｬｰ
31	CBŌX-0112FC01	AL	EB	N	C	Lift gear box	ﾘﾌﾄｷﾞｬｰﾎﾞｯｸｽ
32	NSFTZ2399FCZZ	AF	DS	N	C	Holder fulcrum shaft	ﾎﾙﾀﾞｰｼﾃﾝｼﾞｸ
33	MSPRC2529FCZZ	AC	DJ	N	C	Lift release spring	ﾘﾌﾄｶｲｼﾞｮｽﾌﾟﾘﾝｸﾞ
34	MSPRC2530FCZZ	AC	DJ	N	C	Lift spring	ﾘﾌﾄｽﾌﾟﾘﾝｸﾞ
35	MLEVF0721FCZZ	AE	DJ	N	C	Lift release lever	ﾘﾌﾄｶｲｼﾞｮﾚﾊﾞｰ
36	LX-BZ0140FCZZ	AB	DD		C	Screw	ﾋﾞｽ
37	RMŌTV0807FCZZ	AW	FG	N	B	4 cassette lift motor	4ｶｾﾘﾌﾄﾓｰﾀｰ
38	XBPSD26P04KS0	AA	DD		C	Screw (2.6 ✕ 4KS)	ﾋﾞｽ
39	LHLDZ1333FCZZ	AN	EG	N	C	Lift holder	ﾘﾌﾄﾎﾙﾀﾞｰ
40	MSPRP2565FCZZ	AD	DJ	N	C	Suction spring	ｻｸｼｮﾝｽﾌﾟﾘﾝｸﾞ
41	LPiNS0263FCZZ	AD	DJ		C	T type pin	Tｶﾞﾀﾋﾟﾝ
42	NGERH1182FCZZ	AD	DJ	N	C	Gear (40T)	ｵｳｷﾞｶﾀｷﾞｬｰ40T
43	NSFTZ2392FCZZ	AP	EQ	N	C	Lift shaft	ﾘﾌﾄｼｬﾌﾄ
44	LPLTM5233FCZZ	AF	DS	N	C	Lift plate	ﾘﾌﾄﾌﾟﾚｰﾄ
45	XBPSD30P06KS0	AA	DD		C	Screw (3 ✕ 6KS)	ﾋﾞｽ
46	CHLDZ1332FC01	AP	EQ	N	C	Release holder	ｱﾂｶｲｼﾞｮﾎﾙﾀﾞｰ
47	MSPRC2528FCZZ	AC	DJ	N	C	Release spring	ｱﾂｶｲｼﾞｮｽﾌﾟﾘﾝｸﾞ
48	MLEVP0722FCZZ	AE	DS	N	C	Release lever	ｱﾂｶｲｼﾞｮﾚﾊﾞｰ
49	NSFTZ2389FCZZ	AM	EG	N	C	Lift shaft	ﾘﾌﾄﾃﾞﾝﾀﾂｼﾞｸ
50	LPiNS0155FCZZ	AA	DD		C	Pin (ϕ3-10)	ﾍｲｺｳﾋﾟﾝ
51	NGERH1181FCZZ	AC	DJ	N	C	16T gear	16Tｷﾞｬｰ
52	NBRGY2111SCZZ	AB	DD		B	Bearing	ﾍﾞｱﾘﾝｸﾞ
53	NGERH1183FCZZ	AC	DJ	N	C	32T gear	32Tｷﾞｬｰ
	ﾕﾆｯﾄ (Unit)						
901	DUNT-6864FCZZ	CD	UD	N	E	Multi manual paper feeding unit	ﾃｻﾞｼﾏﾙﾁｷｭｳｼﾕﾆｯﾄ

40 手差し給紙部3 (Manual paper feeding section 3)



41 手差し給紙ﾄﾚｲ部 (Manual paper feeding tray section)



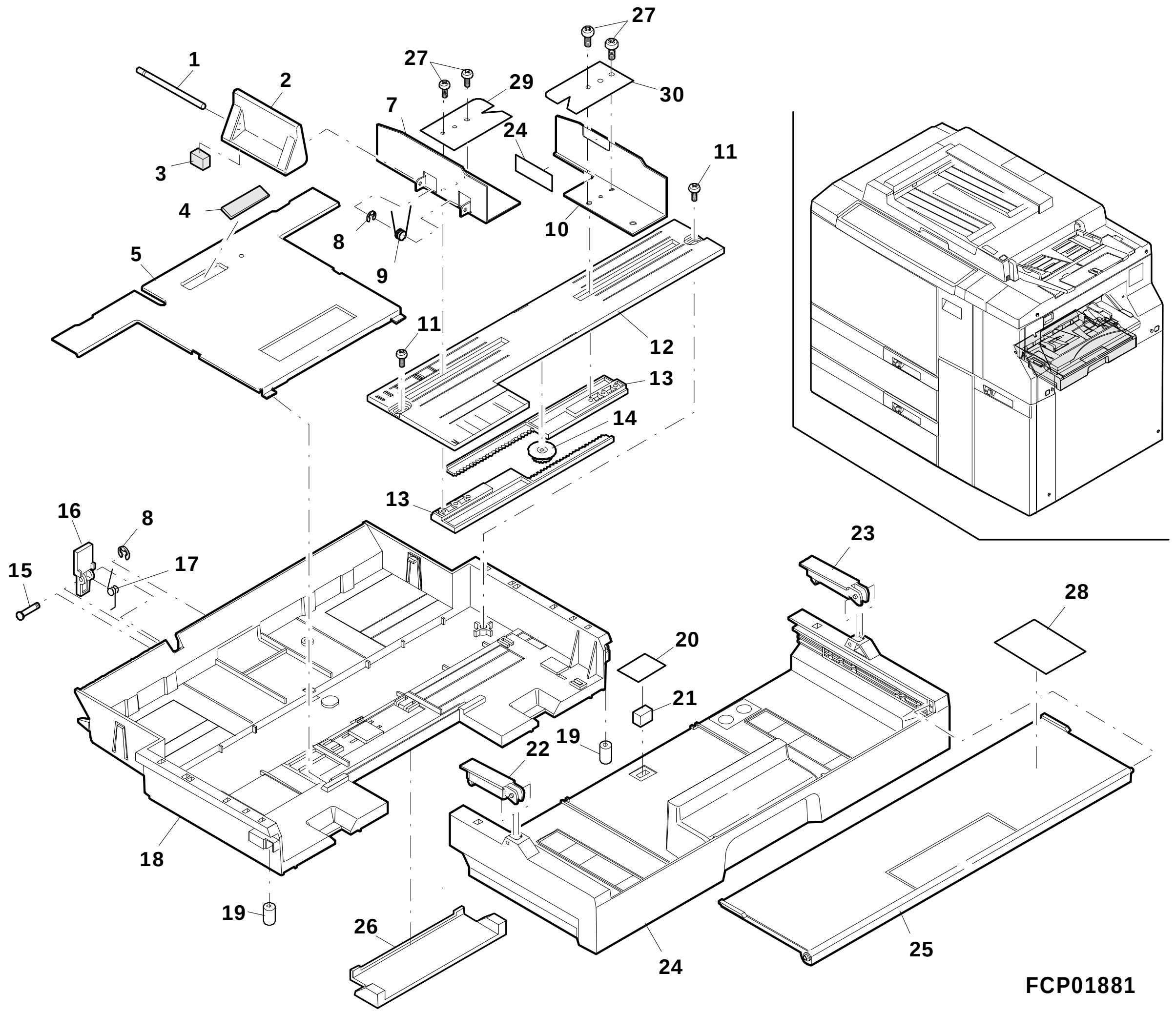
41 手差し給紙ﾄﾚｲ部 (Manual paper feeding tray section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	TLABZ3430FCZ1	AF	DS		C	Manual feeding size label (Japan only)	ﾃｻﾞｼｻｲｽﾞﾗﾍﾞﾙ
	TLABZ3279FCZ1	AE	DS		C	Manual feeding size label (AB series)	ﾃｻﾞｼｻｲｽﾞﾗﾍﾞﾙ
	TLABZ3280FCZ1	AE	DS		C	Manual feeding size label (Inch series)	ﾃｻﾞｼｻｲｽﾞﾗﾍﾞﾙ
2	LSTPP0279FCZZ	AB	DD		C	Stopper	ｽﾄｯﾊﾟｰ
3	PMLT-0686FCZZ	AA	DD		C	MG cushion MA-1	MGﾓﾙﾄMA-1
4	PGiDM1753FCZZ	AE	DJ	N	C	Size guide RS	ｻｲｽﾞｶﾞｲﾄﾞRS
5	PGiDM1699FCZZ	AH	DX	N	C	Size guide RN	ｻｲｽﾞｶﾞｲﾄﾞRN
6	PGiDM1698FCZZ	AH	DX	N	C	Size guide FN	ｻｲｽﾞｶﾞｲﾄﾞFN
7	PGiDM1752FCZZ	AE	DJ	N	C	Size guide FS	ｻｲｽﾞｶﾞｲﾄﾞFS
8	LSŌU-0154FCZZ	AY	FQ	N	C	Manual feeding tray 1	ﾃｻﾞｼﾄﾚｲ1
9	TLABZ3962FCZZ	AH	DX	N	C	JAM release label	JAMｶｲｼﾞｮﾗﾍﾞﾙ
10	QSW-L0499FCZZ	AR	EQ	N	B	Manual feed lead switch	ﾃｻﾞｼﾘｰﾄﾞｽｲｯﾁ
11	XEBSE30P08000	AA	DD		C	Screw (3×8)	ﾋﾞｽ
12	LX-BZ0808FCZZ	AC	DD	N	C	Screw	M3ﾀﾞﾝﾋﾞｽ3.8
13	NGERH1200FCZZ	AE	DJ	N	C	Tray gear (20T)	ﾄﾚｲｷﾞﾔｰ20
15	NGERR1202FCZZ	AG	DX	N	C	Tray rack R	ﾄﾚｲﾗｯｸR
16	NGERR1201FCZZ	AG	DX	N	C	Tray rack F	ﾄﾚｲﾗｯｸF
17	XBBSD30P05000	AA	DD		C	Screw (3×5)	ﾋﾞｽ
18	PSHEP4213FCZZ	AE	DS	N	C	Rack sheet	ﾗｯｸﾏｲﾗｰ
19	DHAi-2709FCZZ	AR	EQ	N	C	Manual feeding tray harness	ﾃｻﾞｼﾄﾚｲﾊｰﾈｽ
20	CVR-M0008FC31	AW	FG	N	E	VR unit	VRﾕﾆｯﾄ
21	LPLTM5277FCZZ	AP	EQ	N	C	Tray adjusting plate	ﾄﾚｲﾁｮｳｾｲﾊﾞﾝ
22	PSHEP4214FCZZ	AD	DJ	N	C	Adjusting plate sheet	ﾁｮｳｾｲﾊﾞﾝﾏｲﾗｰ
23	LX-BZ0465FCZZ	AA	DD		C	Screw (4×6)	ﾋﾞｽ
24	XBBSD30P06000	AA	DD		C	Screw (3×6)	ﾋﾞｽ
25	CTPE-0228FC31	AU	EZ	N	E	Reel tape unit	ﾘｰﾙﾃｰﾌﾟﾕﾆｯﾄ
26	LRALP0141FCZZ	AE	DS	N	C	Rail F	ﾚｰﾙF
27	PMAGT0082FCZZ	AF	DS	N	B	Manual feed open and shut magnet	ﾃｻﾞｼｶｲﾍｲﾏｸﾞﾈｯﾄ
28	LSŌU-0155FCZZ	AU	EZ	N	C	Manual feeding tray 2	ﾃｻﾞｼﾄﾚｲ2
29	LRALP0142FCZZ	AE	DS	N	C	Rail R	ﾚｰﾙR
30	LPLTM5278FCZZ	AE	DJ	N	C	MG plate	MGﾌﾟﾚｰﾄ
31	MLEVP0734FCZZ	AF	DS	N	C	Tray sensor lever	ﾄﾚｲｾﾝｻｰﾚﾊﾞｰ
32	VHPGP1A71A1-1	AG	DX		B	Photo sensor (GP1A71A1)	ﾌｫﾄｾﾝｻｰ
33	DHAi-2710FCZZ	AT	EZ	N	C	MPSD interface harness	MPSDﾁｭｳｹｲﾊｰﾈｽ
34	LX-BZ0809FCZZ	AC	DD	N	C	Screw	ﾎﾙﾀﾞｰﾖｳﾀﾞﾝﾋｽ
35	LHLDZ1331FCZZ	AF	DS	N	C	Drawer sensor holder	ﾋｷﾀﾞｼｾﾝｻｰﾎﾙﾀﾞｰ
36	PCŌVP1386FCZZ	AR	EQ	N	C	Tray cover 2	ﾄﾚｲｶﾊﾞｰ2
37	PCŌVP1389FCZZ	AF	DS	N	C	Tray hinge cover R	ﾄﾚｲﾋﾝｼﾞｶﾊﾞｰR
38	XHBSE30P06000	AA	DD		C	Screw (3×6)	ﾋﾞｽ
39	CHNG-0199FC01	AY	FQ	N	C	Tray fixing hinge	ﾄﾚｲﾄﾘﾂｹﾋﾝｼﾞ
40	PCŌVP1388FCZZ	AF	DS	N	C	Tray hinge cover F	ﾄﾚｲﾋﾝｼﾞｶﾊﾞｰF
41	XRESP80-08000	AA	DD		C	E type ring (8mm)	Eﾘﾝｸﾞ
42	PCLR-0431FCZZ	AH	DX	N	C	Tray fulcrum collar	ﾄﾚｲｼﾃﾝｶﾗｰ
43	CPLTM5137FC01	AH	DX	N	C	Manual feed fixing plate	ﾃｻﾞｼｺﾃｲﾊﾞﾝ
44	PGUMS0265FCZZ	AC	DJ	N	C	Tray stopper rubber	ﾄﾚｲｽﾄｯﾊﾟｰｺﾞﾑ
45	PMAGT0085FCZZ	AH	DX	N	B	MG catcher	MGｷｬｯﾁｬｰ
46	CCŌVP1385FC41	AZ	FQ	N	E	Tray cover -1 sub unit	ﾄﾚｲｶﾊﾞｰ1ｻﾌﾞﾕﾆｯﾄ
47	XBBSC40P08000	AA	DD		C	Screw (4×8)	ﾋﾞｽ
48	LX-BZ0689FCZZ	AA	DD		C	Screw (4×8)	ﾋﾞｽ
	ﾕﾆｯﾄ (Unit)						
901	DUNT-6866FCZZ	BY	TF	N	E	Manual feed multi tray unit (Japan only)	ﾃｻﾞｼﾏﾙﾁﾄﾚｲﾕﾆｯﾄ J
	DUNT-6866FC11	BY	TF	N	E	Manual feed multi tray unit (AB series)	ﾃｻﾞｼﾏﾙﾁﾄﾚｲﾕﾆｯﾄAB
	DUNT-6866FC12	BY	TF	N	E	Manual feed multi tray unit (Inch series)	ﾃｻﾞｼﾏﾙﾁﾄﾚｲﾕﾆｯﾄ IN

42 給紙ｶｾｯﾄ (Paper feeding cassette)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	LBŌSZ1805FCZZ	AE	DJ	N	C	Stopper fulcrum boss	ｽﾄｯﾊﾟｰｼﾃﾝﾎﾞｽ
2	LSTPP0332FCZZ	AG	DS	N	C	Stopper	ｽﾄｯﾊﾟｰ
3	PGUMS0266FCZZ	AD	DJ	N	C	stopper rubber	ｽﾄｯﾊﾟｰｺﾞﾑ
4	PSHEZ3138FCZZ	AC	DD		C	PF base sheet	ｷｭｳｼﾀﾞｲｸﾗﾘｰﾉ
5	LPLTM5220FCZZ	AS	EQ	N	C	Rotation plate	ｶｲﾃﾝﾊﾞﾝ
6	TLABZ3964FCZZ	AD	DJ	N	C	Indication label	ｼｼﾞｾﾝﾗﾍﾞﾙ
7	LPLTM5218FCZZ	AH	DX	N	C	Control plate F	ｷｾｲﾊﾞﾝF
8	XRESP20−06000	AA	DD		C	E type ring (2mm)	Eﾘﾝｸﾞ
9	MSPRC2537FCZZ	AE	DS	N	C	Stopper spring	ｽﾄｯﾊﾟｰｽﾌﾟﾘﾝｸﾞ
10	LPLTM5219FCZZ	AH	DX	N	C	Control plate R	ｷｾｲﾊﾞﾝR
11	LX−BZ0817FCZZ	AA	DD	N	C	Screw	ﾋﾞｽ
12	PCŌVP1391FCZZ	AL	EB	N	C	Rack cover	ﾗｯｸｶﾊﾞｰ
13	NGERR1177FCZZ	AG	DX	N	C	Rack	ﾗｯｸ
14	NGERH0193FCZZ	AB	DD		C	Manual feed gear	ﾃｻﾞｼｷﾞﾔｰ
15	LBŌSZ1844FCZZ	AE	DJ	N	C	Tip stopper boss	ｾﾝﾀﾝｽﾄｯﾊﾟｰﾎﾞｽ
16	LSTPP0334FCZZ	AF	DS	N	C	Tip stopper	ｾﾝﾀﾝｽﾄｯﾊﾟｰ
17	MSPRC2536FCZZ	AE	DJ	N	C	Tip stopper spring	ｾﾝﾀﾝｽﾄｯﾊﾟｰｽﾌﾟﾘﾝｸﾞ
18	LDAiU0553FCZZ	AY	FQ	N	C	Tray base plate F	ﾄﾚｲﾀﾞｲﾊﾞﾝF
19	PCLR−0426FCZZ	AD	DJ	N	C	Slide collar	ｽﾗｲﾄﾞｺﾛ
20	PSHEP4212FCZZ	AB	DJ	N	C	MG fixing sheet	MG ｵｻｴﾏｲﾗｰ
21	PMAGT0083FCZZ	AH	DX	N	B	Size detector magnet	ｻｲｽﾞｹﾝﾁﾏｸﾞﾈｯﾄ
22	MLEVP0717FCZZ	AE	DJ	N	C	Slide fixing lever F	ｽﾗｲﾄﾞｺﾃｲﾚﾊﾞｰF
23	MLEVP0718FCZZ	AE	DJ	N	C	Slide fixing lever R	ｽﾗｲﾄﾞｺﾃｲﾚﾊﾞｰR
24	LDAiU0554FCZZ	AW	FG	N	C	Tray base plate R	ﾄﾚｲﾀﾞｲﾊﾞﾝR
25	PCŌVP1390FCZZ	AU	EZ	N	C	Tray cover	ﾄﾚｲｶﾊﾞｰ
26	LPLTP5221FCZZ	AG	DX	N	C	Plate	ｶｸｼﾌﾟﾚｰﾄ
27	LX−BZ1019LCZZ	AA	DD		C	Screw	ﾋﾞｽ
28	TLABZ3963FCZZ	AG	DX	N	C	UC instruction label	UCｾﾂﾒｲﾗﾍﾞﾙ
29	PSHEP4355FCZZ	AF	DS	N	C	Control plate sheet F	ｷｾｲﾊﾞﾝﾏｲﾗｰF
30	PSHEP4356FCZZ	AF	DS	N	C	Control plate sheet R	ｷｾｲﾊﾞﾝﾏｲﾗｰR
	ﾕﾆｯﾄ (Unit)						
901	DUNT−6863FCZZ	BP	LP	N	E	Tray base plate unit	ﾄﾚｲﾀﾞｲﾊﾞﾝﾕﾆｯﾄ

42 給紙ｶｾｯﾄ (Paper feeding cassette)

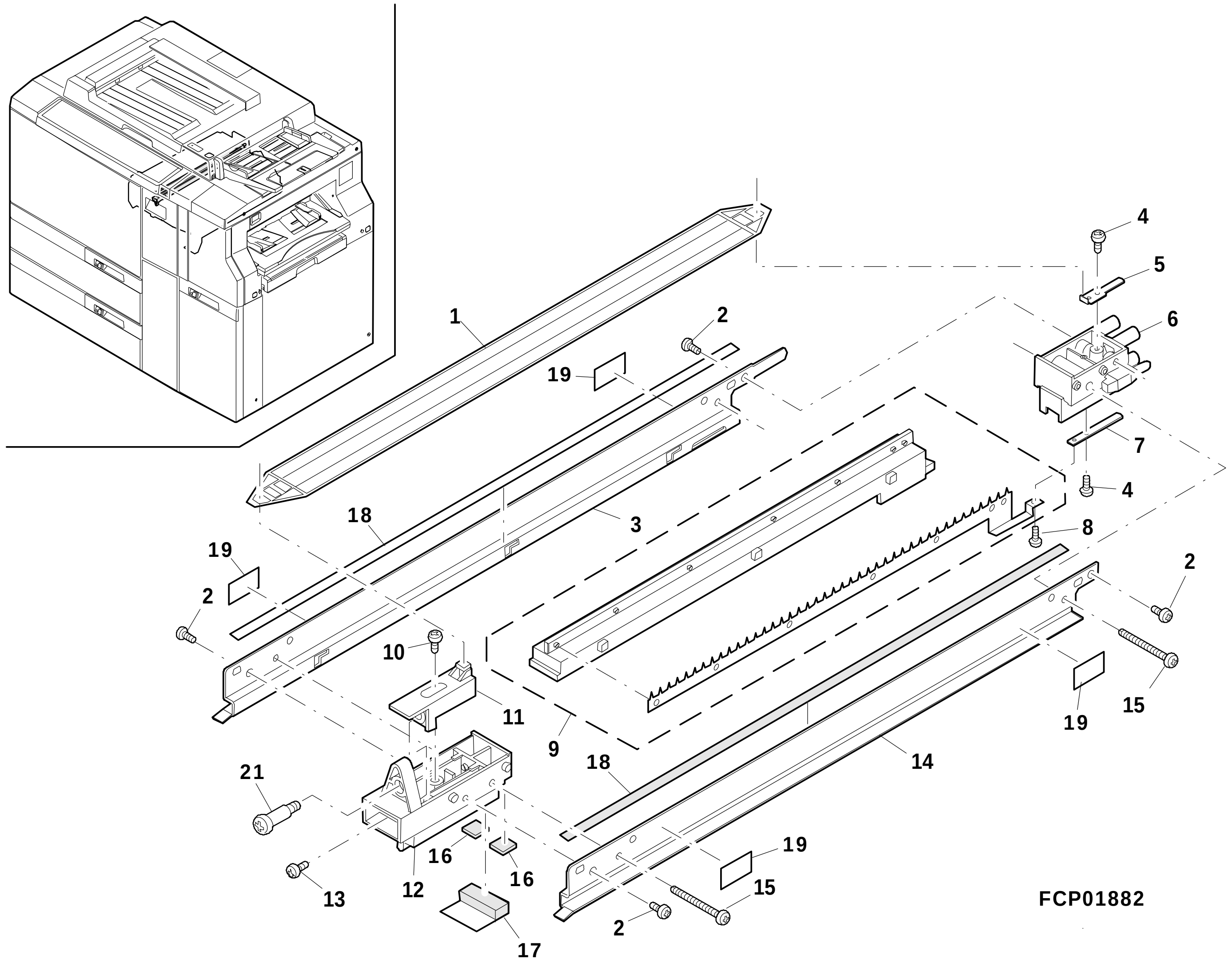


FCP01881

43 MC部 (MC section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	CPLTZ4410FC02	AS	EZ		B	MC grid	MCｸﾞﾘｯﾄﾞ
2	XEPSD40P08000	AA	DD		C	Screw (4 ✕ 8)	ﾋﾞｽ
3	LPLTM4307FCZZ	AP	EQ		C	MC plate A	MCﾌﾟﾚｰﾄA
4	XEBSD30P08000	AA	DD		C	Screw (3 ✕ 8)	ﾋﾞｽ
5	QEARP0064FCZZ	AF	DX		C	MC grid contact plate	MCｸﾞﾘｯﾄﾞｾｯﾃﾝﾊﾞﾝ
6	LHLDZ1129FCZZ	AK	EB		C	MC holder R	MCﾎﾙﾀﾞｰR
7	QEARP0063FCZZ	AF	DX		C	MC high voltage contact plate	MCｺｳｱﾂｾｯﾃﾝﾊﾞﾝ
8	XBPS230P04000	AA	DD		C	Screw (3 ✕ 4)(Blue)	ﾋﾞｽ
9	CPLTM4129FC01	AS	EZ		C	Plate	ﾉｺﾊﾞﾌﾟﾚｰﾄ
10	LX−BZ0502FCZZ	AA	DD		C	Screw (4 ✕ 6)	ﾋﾞｽ
11	LHLDZ0932FCYZ	AD	DJ		C	Grid holder	ｸﾞﾘｯﾄﾞﾎﾙﾀﾞｰ
12	LHLDZ1128FCZZ	AN	EQ		C	MC holder F	MCﾎﾙﾀﾞｰF
13	XBBSD40P14000	AA	DD		C	Screw (4 ✕ 14)	ﾋﾞｽ
14	LPLTM4308FCZZ	AN	EQ		C	MC plate B	MCﾌﾟﾚｰﾄB
15	LX−BZ0690FCZZ	AA	DD		C	Screw (4 ✕ 32)	ﾋﾞｽ
16	PCUSF0288FCZZ	AE	DS		C	MC cushion F	MCｸｯｼｮﾝF
17	PSHEP3522FCZZ	AM	EQ		C	MC air shield sheet B	MCｴｱｰｼｰﾙﾄﾞﾏｲﾗｰB
18	PSHEP3521FCZZ	AM	EQ		C	MC air shield sheet A	MCｴｱｰｼｰﾙﾄﾞﾏｲﾗｰA
19	PSHEP3455FCZZ	AH	DX		C	Grid control sheet	ｸﾞﾘｯﾄﾞｾｲｷﾞｮｼｰﾄ
21	LX−BZ0277FCZZ	AB	DD		C	Brade fixing screw	ﾌﾞﾚｰﾄﾞﾄﾘﾂｹﾋﾞｽ
	ﾕﾆｯﾄ (Unit)						
901	CPLTM4307FC51	BE	GN		E	MC unit	MCﾕﾆｯﾄ

43 MC部 (MC section)

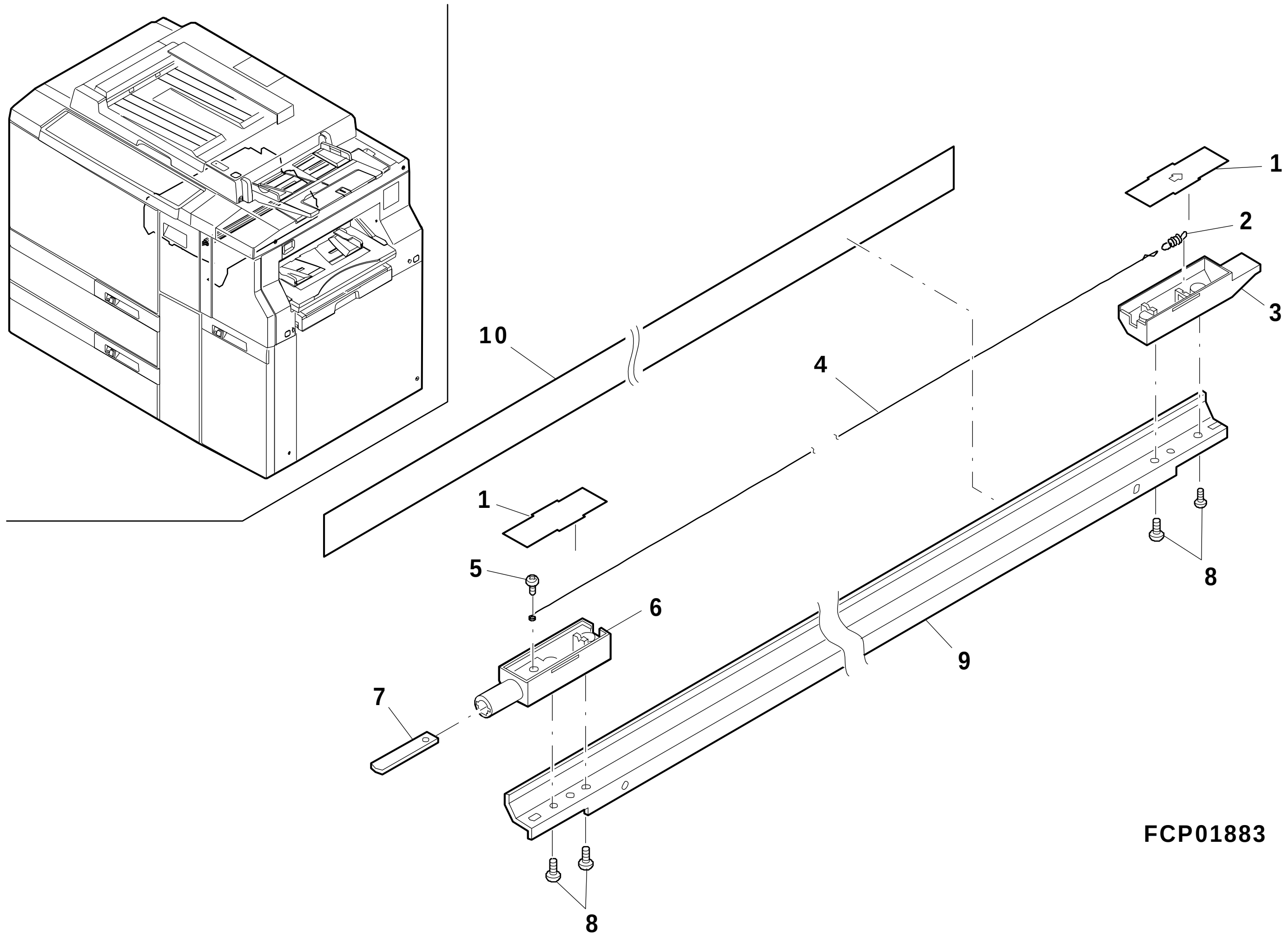


FCP01882

44 PTC部 (PTC section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	PCŌVP1190FCZZ	AQ	EQ		C	PTC holder cover	PTCﾎﾙﾀﾞｰｶﾊﾞｰ
2	MSPRT0513FCZZ	AA	DD		C	MC tension spring	MC ﾃﾝｼｮﾝﾊﾞﾈ
3	LHLDZ1133FCZZ	AE	DS		C	PTC holder F	PTCﾎﾙﾀﾞｰF
4	DWiR-0467CSZZ	BU	RJ		B	Charger wire	ﾁｬｰｼﾞｬｰﾜｲﾔｰ
5	XBPSD30P04000	AA	DD		C	Screw (3 × 4)	ﾋﾞｽ
6	LHLDZ1134FCZZ	AE	DS		C	PTC holder R	PTCﾎﾙﾀﾞｰR
7	QEARP0065FCZZ	AF	DS		C	PTC contact plate	PTCｾｯﾃﾝﾊﾞﾝ
8	XEBSD30P06000	AA	DD		C	Screw (3 × 6)	ﾋﾞｽ
9	PCASZ0250FCZZ	AK	EB		C	PTC case	PTCｹｰｽ
10	PSEL-0577FCZZ	AU	FG		C	PTC seal A	PTCｼｰﾙA
	ﾕﾆｯﾄ (Unit)						
901	CCASZ0250FC51	BA	GD		E	PTC unit	PTCﾕﾆｯﾄ

44 PTC部 (PTC section)

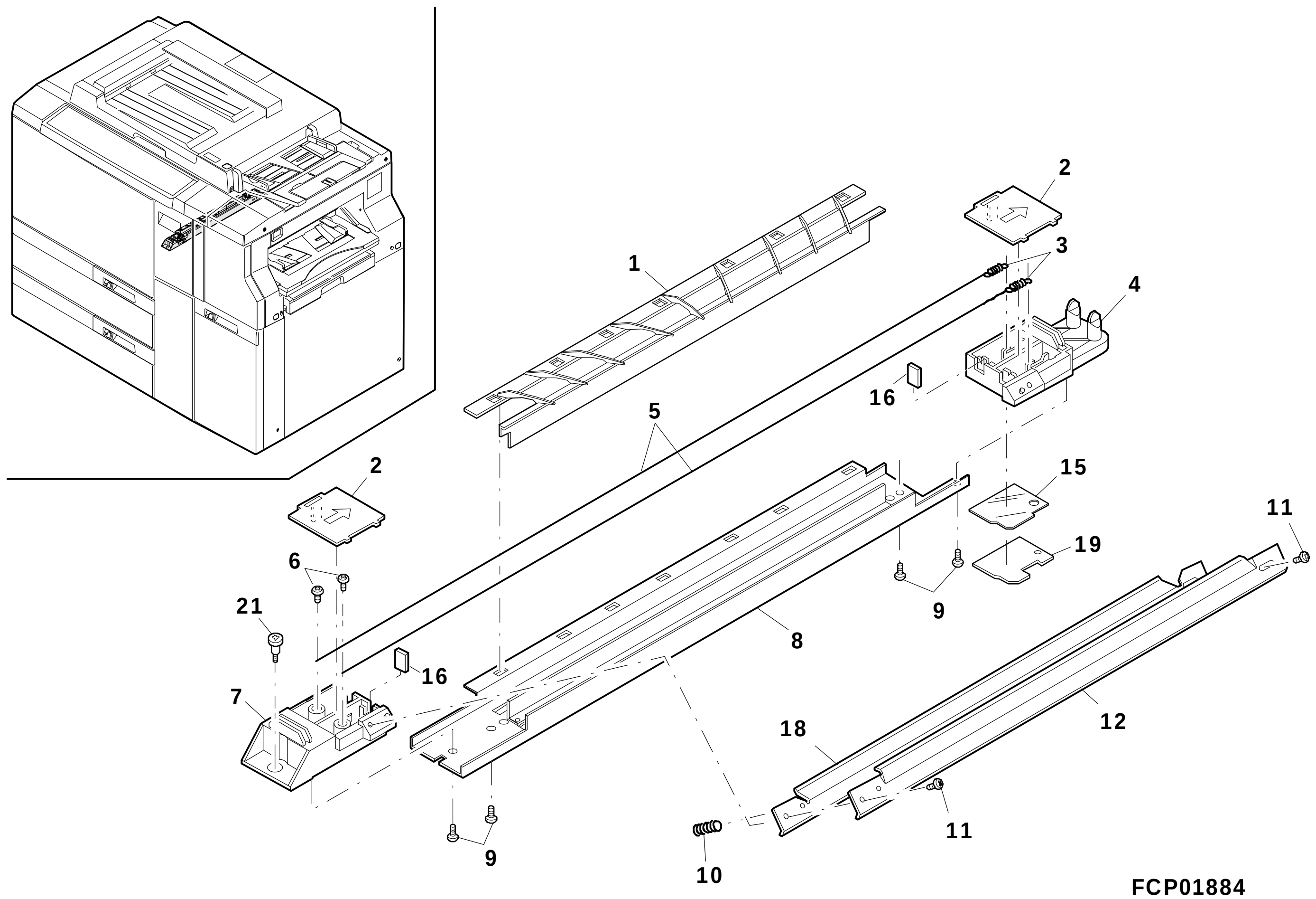


FCP01883

45 TC/AC部 (TC/AC section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	PGiDM1755FCZZ	AM	EG	N	C	AC guide	ACｶﾞｲﾄﾞ
2	PCŌVP1174FCZZ	AD	DS		C	TC holder cover	TCﾎﾙﾀﾞｰｶﾊﾞｰ
3	MSPRT0513FCZZ	AA	DD		C	MC tension spring	MC ﾃﾝｼｮﾝﾊﾞﾈ
4	LHLDZ1349FCZZ	AS	EZ	N	C	TC holder R	TCﾎﾙﾀﾞｰR
5	DWiR-0466CSZZ	BG	HC		B	Charger wire	ﾁｬｰｼﾞｬｰﾜｲﾔｰ
6	XBPSD30P06KS0	AA	DD		C	Screw (3 × 6KS)	ﾋﾞｽ
7	LHLDZ1348FCZZ	AP	EQ	N	C	TC holder F	TCﾎﾙﾀﾞｰF
8	CCASZ0248FC03	AU	FG		C	TC case	TCｹｰｽ
9	XJTSD40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
10	MSPRC2170FCZZ	AB	DJ		C	TC earth spring	TCｱｰｽｽﾌﾟﾘﾝｸﾞ
11	XJBSD40P08000	AA	DD		C	Screw (4 × 8)	ﾋﾞｽ
12	CSHEP3635FC32	AP	EQ	N	E	TC guide unit	TCｶﾞｲﾄﾞｼｰﾄﾕﾆｯﾄ
15	PSHEZ3524FCZZ	AQ	EQ		C	TC insulator sheet	TCｾﾞﾂｴﾝｼｰﾄ
16	PGUMS0267FCZZ	AE	DJ	N	C	TC protect rubber	TCﾎﾞｳｼﾝｺﾞﾑ
18	CSHEP3636FC31	AP	EQ		E	TC electrode plate sheet unit	TCﾃﾞﾝｷｮｸﾊﾞﾝｼｰﾄﾕﾆｯﾄ
19	PSHEZ3657FCZZ	AB	DJ		C	TC insulator sub sheet	TCｾﾞﾂｴﾝﾎｼﾞｮｼｰﾄ
21	LX-BZ0277FCZZ	AB	DD		C	Blade fixing screw	ﾌﾞﾚｰﾄﾞﾄﾘﾂｹﾋﾞｽ
	ﾕﾆｯﾄ (Unit)						
901	CCASZ0248FC53	BG	GT	N	E	TC/AC unit	TC/AC ﾕﾆｯﾄ

45 TC/AC部 (TC/AC section)

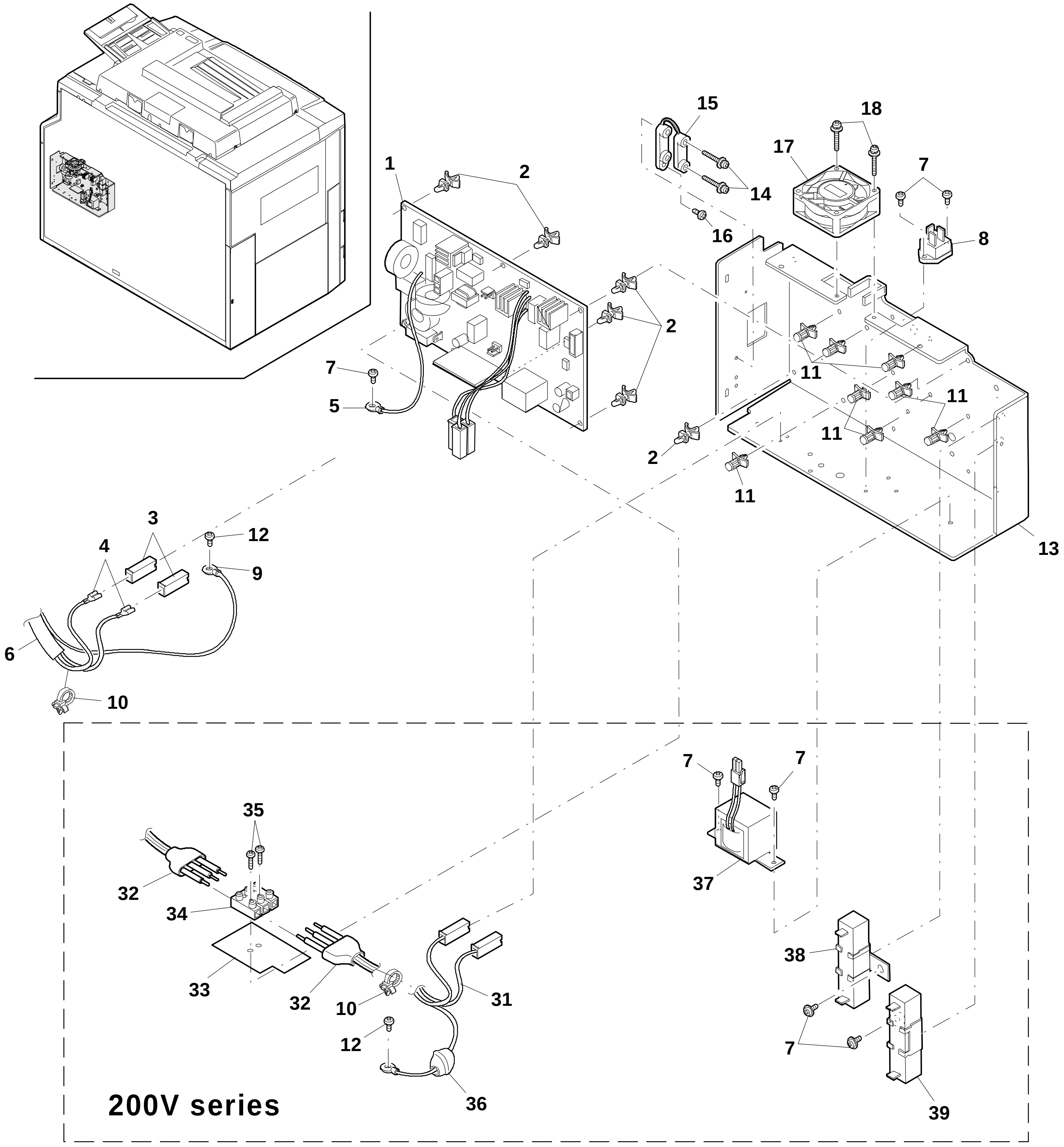


FCP01884

46 AC回路台板部 (AC circuit base section)

	NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
			Ex.	Ja.				
⚠	1	CPWBF1202FC51	BS	MJ	N	E	AC circuit PWB (Japan only···for 15A)	ACｶｲﾛｷﾊﾞﾝ(15Aﾖｳ)
⚠		CPWBF1202FC52	BS	MJ	N	E	AC circuit PWB (Japan only···for 20A)	ACｶｲﾛｷﾊﾞﾝ(20Aﾖｳ)
⚠		CPWBF1202FC53	BS	MJ	N	E	AC circuit PWB (100V series···Except Japan)	ACｶｲﾛｷﾊﾞﾝ
⚠		CPWBF1203FC51	BT	NE	N	E	AC circuit PWB (200V series)	ACｶｲﾛｷﾊﾞﾝ
	2	LSUPP0060FCZZ	AA	DD		C	PWB supporter (SPLS-6)	ｷﾊﾞﾝｻﾎﾟｰﾀｰ
	3	PHŌG-0234FCZZ	AA	DD		C	Plug holder (172076)(Philippines,100V series)	ﾌﾟﾗｸﾞﾎﾙﾀﾞｰ
	4	QPLGN0056FCZZ	AB	DD		C	AC plug (Japan for 20A, U.S.A.,CANADA,Barbados,Costa Rica,Brazil, Dominica,Central America,Colombia,Venezuela,Indonesia)	ﾌﾟﾗｸﾞ(ｺｳﾅｲ20ｱﾝﾍﾟｱ)
		QPLGN0056FCZZ	AB	DD		C	AC plug (Japan for 20A, Taiwan,Ecuador)	ﾌﾟﾗｸﾞ(ｺｳﾅｲ20ｱﾝﾍﾟｱ)
		QTANP0088FCZZ	AA	DD		C	Terminal (Japan for 15A, Philippines)	ﾀﾝｼ
	5	QCNW-0069FCZZ	AC	DD		C	Earth harness (Japan only)	ｱｰｽﾊｰﾈｽ
⚠	6	QACCJ3410QCZZ	AS	EZ		B	AC cord (Japan···for 15A, Philippines)	ACｺｰﾄﾞ(15ｱﾝﾍﾟｱﾖｳ)
⚠		QACCJ2414QCZZ	BA	GD		B	AC cord (Japan···for 20A)	ACｺｰﾄﾞ(20ｱﾝﾍﾟｱﾖｳ)
⚠		QACCD7418QCZZ	BC	GJ		B	AC cord (UL,CSA plug)(U.S.A.,CANADA)	ACｺｰﾄﾞ
⚠		QACCL8421QCN1	AX	FQ		B	AC cord (Australia,New Zealand,Chile,Peru)	ACｺｰﾄﾞ
⚠		QACCV6420QCZZ	AV	FQ		B	AC cord (M4.8 2P)(Europe,Pakistan,Paraguay,Argentine,Thailand, Greece,Lebanon,Ilan,Ilaq,Nigeria,Turkey,India,Banguladesh)	ACｺｰﾄﾞ
⚠		QACCV6420QCZZ	AV	FQ		B	AC cord (M4.8 2P)(Indonesia,Korea,Egypt,Jordan,Syria,Tunisia, Morocco,Uruguay,Algeria,West Afria,Oman,Katar,UAE)	ACｺｰﾄﾞ
⚠		QCNW-0001QCZZ	AN	EQ		C	AC wire (South Africa,Sri Lanka,Hong Kong,Israel,Singapore)	ACﾜｲﾔｰ
⚠		QACCE7422QCZZ	BB	GD		B	AC plug (BS plug)(U,Kingdom,Cyprus,Malaysia,Bahrain,Kuwait, North Yemen,Saudi Arabia)	ACﾌﾟﾗｸﾞ
⚠		QACCD7415QCZZ	AX	FX		B	AC cord (Barbados,Costa Rica,Brazil,Dominica,Central America, Colombia,Venezuela,Indonesia,Taiwan,Ecuador)	ACｺｰﾄﾞ
⚠		QCNW-0120FCZZ	AU	FQ		C	AC wire (Saudi Arabia only)	ACﾜｲﾔｰ
⚠		QPLGA0002QCZZ	AN	EQ		C	AC plug (Saudi Arabia only)	ACﾌﾟﾗｸﾞ
⚠		QTANP0096FCZZ	AA	DD		C	AC terminal (Saudi Arabia only)	ｾﾝｶｺｳﾀﾝｼ
⚠		QPLGA4171CCZZ	AN	EG		C	AC plug (South Africa,Sri Lanka,Hong Kong)	ACﾌﾟﾗｸﾞ(ﾌﾄﾏﾙ3)
⚠		QPLGA0001QCZZ	AN	EQ		C	AC plug (Israel)	ACﾌﾟﾗｸﾞ
⚠		QPLGA0003QCZZ	AN	EQ		C	AC plug (Singapore)	ACﾌﾟﾗｸﾞ
	7	XBPSD40P08K00	AA	DD		C	Screw (4 × 8K)	ﾋﾞｽ
⚠	8	VHSBCR16HM08S	AN	EQ		B	Thyristor (BCR16HM08S)(100V series)	ｻｲﾘｽﾀｰ
⚠		VHSBCR16HM12S	AP	EQ		B	Thyristor (BCR16HM12S)(200V series)	ｻｲﾘｽﾀｰ
	9	QTANP0186FCZZ	AB	DJ		C	Terminal (V5.5-5)(U.S.A.,CANADA)	5ﾏﾙﾀﾝｼ
	10	LBNDJ0043FCZ1	AA	DJ		C	Snap band (SG-130)	ｽﾅｯﾌﾟﾊﾞﾝﾄﾞ
	11	LSUPP0076FCZZ	AA	DD		C	PWB supporter (SPS-6)	ｷﾊﾞﾝｻﾎﾟｰﾀｰ
	12	XBPBZ50P06K00	AB	DD		C	Screw (5 × 6K)	ﾋﾞｽ
	13	LPLTM5140FCZ1	AZ	FQ	N	C	AC power supply PWB fixing plate	ACﾃﾞﾝｹﾞﾝｷﾊﾞﾝﾄﾘﾂｹｲﾀ
	14	XBPSD40P25KS0	AA	DD		C	Screw (4 × 25KS)(Japan···20A, U.S.A.,CANADA,Barbados,Costa Rica, Brazil,Dominica,Central America,Colombia,Venezuela,Indonesia)	ﾋﾞｽ
		XBPSD40P25KS0	AA	DD		C	Screw (4 × 25KS)(Taiwan,Ecuador)	ﾋﾞｽ
		XBPSD40P20XS0	AA	DD		C	Screw (4 × 20XS)(Japan···15A, Othrer countries)	ﾋﾞｽ
	15	LFiX-0084FCZZ	AC	DD		C	AC cord holder (Barbados,Costa Rica,Brazil,Cominica, Central America,Colombia,Venezuela,Indonesia,Taiwan,Ecuador)	ACｺｰﾄﾞｵｻｴ
		LFiX-0016FCZZ	AD	DJ		C	AC cord holder (other countries)	ACｺｰﾄﾞｵｻｴ
	16	XBPSD40P08KS0	AA	DD		C	Screw (4 × 8KS)	ﾋﾞｽ
	17	RMŌTE0700FCZZ	AX	FX		B	Suction fan motor	ｻｸｼｮﾝﾌｧﾝﾓｰﾀｰ
	18	XBPSD40P30KS0	AA	DD		C	Screw (4 × 30KS)	ﾋﾞｽ
	31	DHAi-2181FCZZ	AG	DX		C	3P terminal base harness (200V series···Except Philippines)	3Pﾀﾝｼﾀﾞｲﾊｰﾈｽ
	32	PHŌG-0213FCZZ	AB	DD		C	3P terminal base cover (200V series···Except Philippines)	3Pﾀﾝｼﾀﾞｲｶﾊﾞｰ
	33	PSHEP1804FCZZ	AB	DD		C	3P terminal protect sheet (200V series···Except Philippines)	3Pﾀﾝｼﾎｺﾞｼｰﾄ
	34	QTANN0015FCZZ	AG	DS		C	3P terminal base (200V series···Except Philippines)	3Pﾀﾝｼﾀﾞｲ
	35	XBPSD30P16000	AA	DD		C	Screw (3 × 16)(200V series···Except Philippines)	ﾋﾞｽ
	36	RCiLF0061FCZZ	AQ	EQ		B	Earth inductor coil (200V series···Except Philippines)	ｱｰｽｲﾝﾀﾞｸﾀｰｺｲﾙ
⚠	37	RCiLF0079FCZZ	AZ	FQ	N	B	Coil (2.5A 10mH)(200V series)	ﾘｱｸﾄﾙｺｲﾙ
⚠	38	CR-WZ0464FC01	AW	FG	N	B	Cement resistor (20Ω 40W)(200V series)	ｾﾒﾝﾄﾃｲｺｳ
⚠	39	CR-WZ0464FC02	AX	FG	N	B	Cement resistor (28Ω 40W)(200V series)	ｾﾒﾝﾄﾃｲｺｳ

46 AC回路台板部 (AC circuit base section)

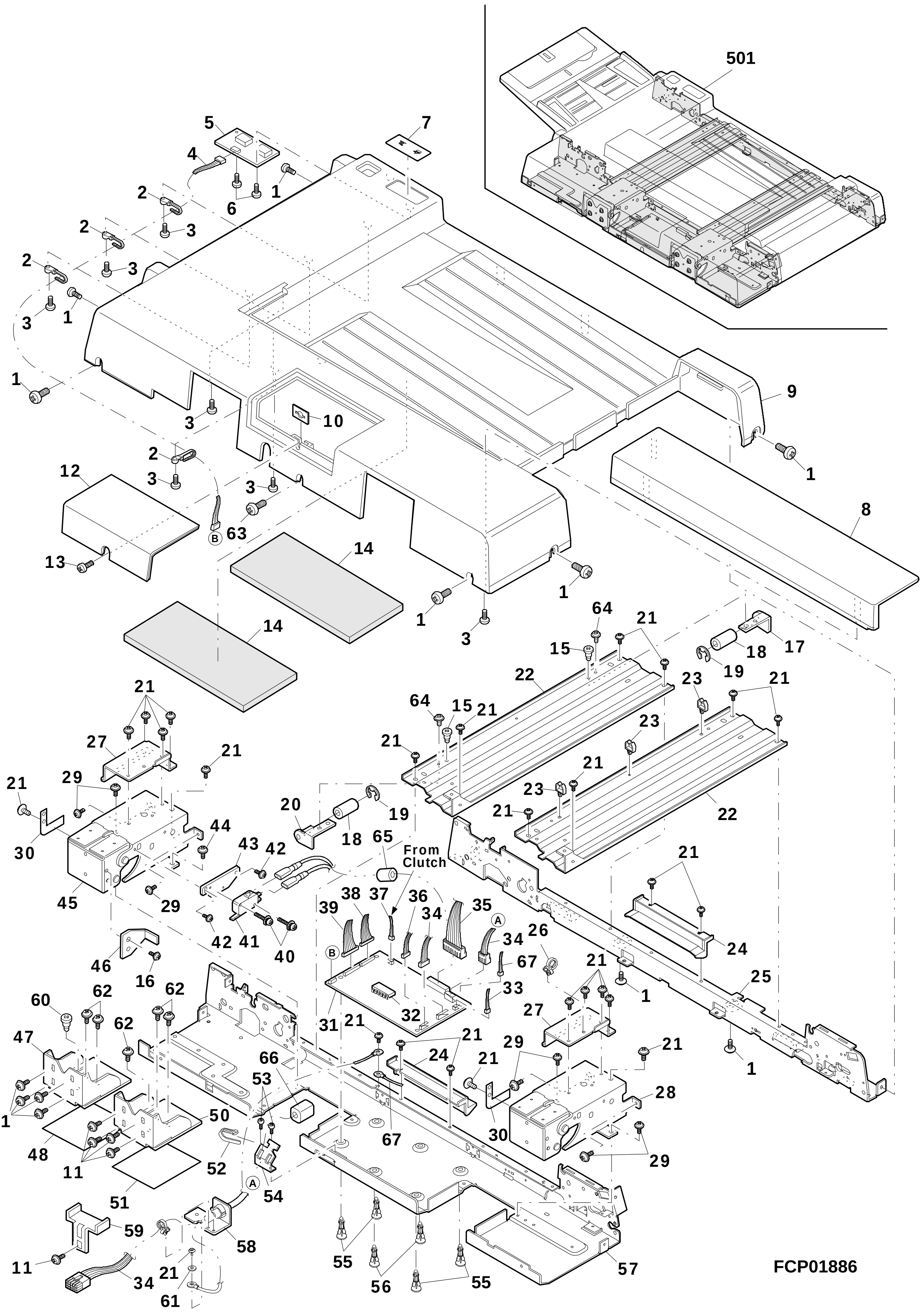


FCP01885

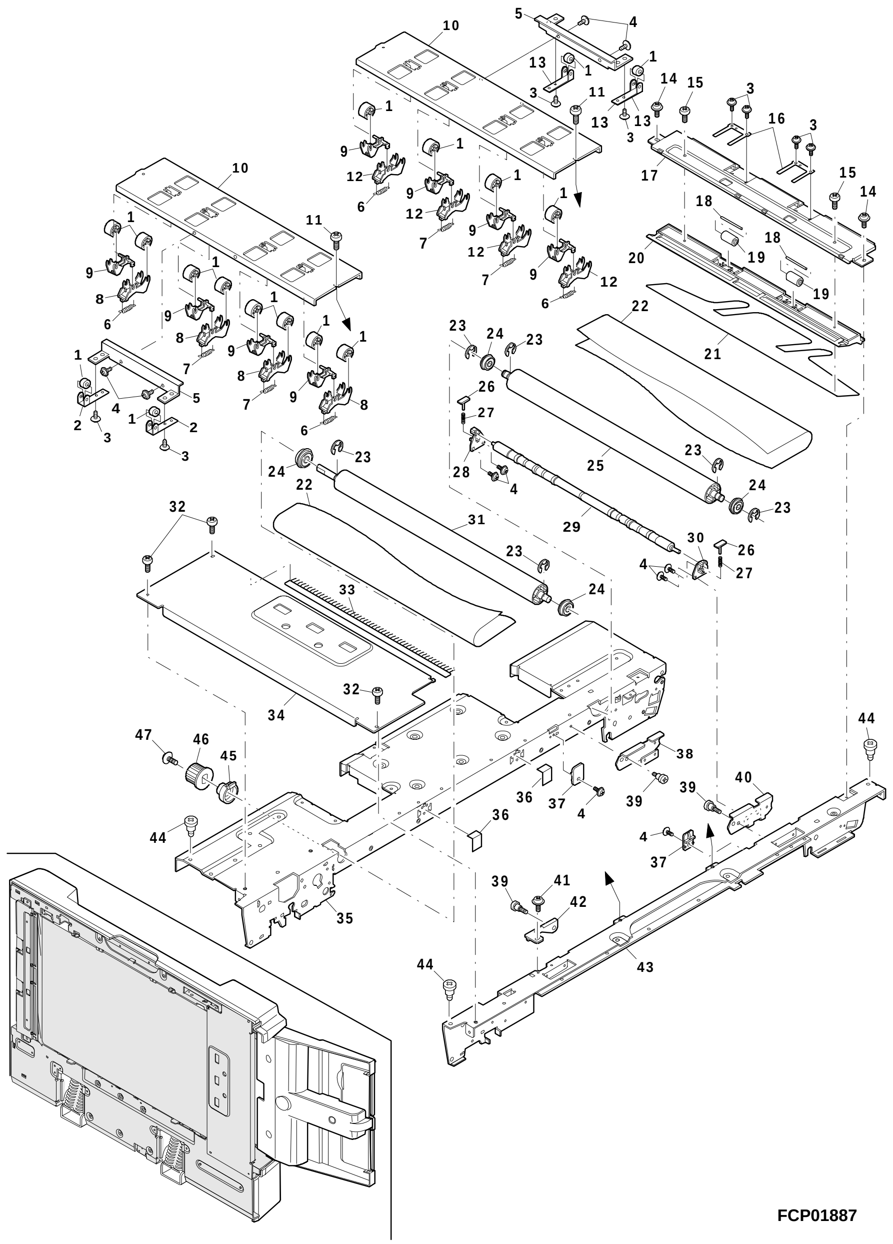
47 RADF…外装 (RADF…Exteriors)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	0CW040080FNBi	AA	DD		C	Screw (4 X 8)	ｺﾈｼﾞ
2	0CWE450000748	AC	DJ		C	Cable band (PLC1M-S4)	ｹｰﾌﾞﾙﾊﾞﾝﾄﾞ
3	0CW2144P410B／	AA	DD		C	Screw (3 X 8)	ﾓｰﾙﾄﾞ BPﾈｼﾞ
4	0CW2222K206／／	AL	EB	N	C	ASM-display harness	ASM-ﾋｮｳｼﾞﾊｰﾈｽ
5	0CW2176K219B／	AZ	FX		E	PBA-display PWB	PBA-ﾋｮｳｼﾞｷﾊﾞﾝ
6	0CW2144P409B／	AA	DD		C	Screw (3 X 6)	ﾓｰﾙﾄﾞ BPﾈｼﾞ
7	0CW2176P334／／	AT	EZ	N	D	Display panel (Japan only)	ﾋｮｳｼﾞﾊﾟﾈﾙ
	0CW2176P335／／	AR	EQ	N	D	Display panel (Except Japan)	ﾋｮｳｼﾞﾊﾟﾈﾙ
8	0CW2222P003B／	AV	FG	N	C	Protection plate HE	ﾗｯｶﾎﾞｳｼHE
9	0CW2176P001D／	BT	MW	N	D	DF cover	DFｶﾊﾞｰ
10	0CW660580／／／／	AA	DD		C	Speed nut	ｽﾋﾟｰﾄﾞﾅｯﾄ
11	0CW040100FNWS	AB	DJ		C	Screw (4 X 10)	Wｾﾑｽﾈｼﾞ
12	0CW2158P002B／	AQ	EQ		D	DF maintenance cover	DFﾒﾝﾃﾅﾝｽｶﾊﾞｰ
13	0CW2158P349／／	AC	DJ	N	C	Screw (12B)	ｶﾊﾞｰﾄﾒﾈｼﾞ
14	0CW2176P359／／	AL	EB	N	C	Protect cushion 10	ｷｭｳｵﾝｻﾞｲ 10
15	0CW2078P086B／	AB	DD		C	Screw 2.2	M3 ﾀﾞﾝﾈｼﾞ 2.2
16	0CW030060FZiT	AA	DD		C	Screw (3 X 6)	ITﾀｯﾌﾟﾀｲﾄﾈｼﾞ
17	0CW2222K073／／	AL	EB	N	C	Protect plate F ass'y	ﾀﾞｺｳﾎﾞｳｼFｶｼﾒｸﾐ
18	0CW2142P057／／	AF	DS	N	C	Collar 12	ｺﾛ12
19	0CWER020SKP／／	AA	DD		C	E-type ring 2	Eﾘﾝｸﾞ 2
20	0CW2222K072／／	AL	EB	N	C	Protect plate R ass'y	ﾀﾞｺｳﾎﾞｳｼRｶｼﾒｸﾐ
21	0CW040060FZTP	AA	DD		C	Screw (4 X 6)	ITﾀｯﾌﾟﾀｲﾄ(Sﾀｲﾄ)ﾈｼﾞ
22	0CW2222P117B／	AW	FG	N	C	Hinge stay	ﾋﾝｼﾞｽﾃｰ
23	0CWE450000896	AC	DJ		C	Wire clamp (UAMS-02WH-2)	ﾜｲﾔｰｸﾗﾝﾌﾟ
24	0CW2176P010B／	AL	EG		C	Belt plate	ﾍﾞﾙﾄﾀﾞｺｳﾊﾞﾝ
25	0CW2222K009／／	BB	GD	N	C	Side plate F ass'y	ｿｸﾊﾞﾝF ｶｼﾒｸﾐ
26	0CWE450000377	AC	DJ		C	Snap band (SKB-131PR)	ｽﾅｯﾌﾟﾊﾞﾝﾄﾞ(ﾀｲﾗｯﾌﾟ)
27	0CW2176P104／／	AN	EG	N	C	Hinge plate	ﾋﾝｼﾞﾌﾟﾚｰﾄ
28	0CW2222K081／／	BK	HC	N	C	Hinge ass'y L	ﾋﾝｼﾞｸﾐ L
29	0CW2164P340／／	AC	DJ	N	C	Screw (4 X 7)	ﾏﾙﾀｯﾌﾟﾈｼﾞ
30	0CW2222P123B／	AF	DS	N	C	Hinge earth plate spring	ﾋﾝｼﾞｱｰｽｲﾀﾊﾞﾈ
31	0CW2222K200／／	CA	TX	N	E	PBA-control PWB (with ROM)	PBA-ｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ROMﾂｷ)
32	0CW2222K201／／	BA	FX	N	B	EP ROM ass'y	EP ROM ｸﾐ
33	0CW2222K209／／	AH	DX	N	C	ASM-DRSOL harness	ASM-DRSOLﾊｰﾈｽ
34	0CW2222K214／／	BE	GN	N	C	ASM-interface harness	ASM-ｲﾝﾀｰﾌｪｰｽﾊｰﾈｽ
35	0CW2222K211B／	AV	FG	N	C	ASM-drive harness	ASM-ﾄﾞﾗｲﾌﾞﾊｰﾈｽ
36	0CW2222K207／／	AL	EB	N	C	ASM-R sensor harness	ASM-R ｾﾝｻｰﾊｰﾈｽ
37	0CW2222P400／／	BN	HZ	N	B	Clutch (CLU-MCA-35D)	ｸﾗｯﾁ
38	0CW2222K205／／	AQ	EQ	N	C	ASM-main 2 harness	ASM-ﾒｲﾝ2ﾊｰﾈｽ
39	0CW2222K204／／	AR	EQ	N	C	ASM-main harness	ASM-ﾒｲﾝﾊｰﾈｽ
40	0CW030160FZWS	AA	DD		C	Screw (3 X 16)	ﾋﾞｽ
41	0CWE120001318	AU	FG	N	B	Microswitch (VX-52-1A3)	ﾏｲｸﾛｽｲｯﾁ
42	0CW040060FZiT	AA	DD		C	Screw (4 X 6)	ITﾈｼﾞ
43	0CW2176P142／／	AG	DX	N	C	Switch plate	ｶｲﾍｲSW ﾊﾞﾝ
44	0CW040050FZiT	AA	DD		C	Screw (4 X 5)	ﾋﾞｽ
45	0CW2222K080／／	BH	HC	N	C	Hinge ass'y R	ﾋﾝｼﾞｸﾐ R
46	0CW2158P110／／	AD	DJ	N	C	Switch plate 2	ｶｲﾍｲSW ｲﾀ2
47	0CW2222P137／／	AY	FQ	N	C	Hinge angle- RW	ﾋﾝｼﾞｱﾝｸﾞﾙ-RW
48	0CW2176K102／／	AM	EG	N	C	Angle sheet ass'y	ｱﾝｸﾞﾙﾏｲﾗｰｸﾐ
50	0CW2222P136／／	AY	FQ	N	C	Higne angle-W	ﾋﾝｼﾞｱﾝｸﾞﾙ-W
51	0CW2176P336C／	AK	EB		C	Angle sheet	ｱﾝｸﾞﾙｼｰﾄ
52	0CWE450000005	AA	DD		C	Tight band (SKB-1N)	ﾊﾞﾝﾄﾞ
53	0CW2164P330／／	AB	DJ	N	C	Screw (3 X 6)	ﾏﾙﾀｯﾌﾟﾈｼﾞ
54	0CW2198P105／／	AF	DS		C	IF-bracket	IF-ﾌﾞﾗｹｯﾄ
55	0CWE450000806	AD	DJ		C	PWB holder (KGLS-10RT-V0)	ｷﾊﾞﾝﾎﾙﾀﾞｰ
56	0CWE450000838	AE	DS	N	C	PWB holder (KGPS-10RF-V0)	ｷﾊﾞﾝﾎﾙﾀﾞｰ
57	0CW2222K006／／	BF	GN	N	C	Side plate R ass'y	ｿｸﾊﾞﾝR ｶｼﾒｸﾐ
58	LPLTM4223FCZZ	AG	DX		C	RDH harness fixing plate	RDHﾊｰﾈｽｺﾃｲｲﾀ
59	0CW2222P135／／	AL	EB	N	C	Adjusting bracket-W	ﾁｮｳｾｲ ﾌﾞﾗｹｯﾄ -W
60	0CW2176P214／／	AD	DJ	N	C	Screw 8	ﾀﾞﾝﾋﾞｽ-8
61	0CWKW040RN／／／	AB	DJ		C	Washer (φ4)	ｷｸｻﾞ
62	XBBSC40P10000	AA	DD		C	Screw (4 X 10)	ﾋﾞｽ
63	0CW040100FNSW	AB	DJ		C	Screw (4 X 10)	ﾈｼﾞ
64	0CW030060FZWS	AA	DD		C	Screw (3 X 6)	Wｾﾑｽﾈｼﾞ
65	0CWE240000309	AP	EQ		C	Ferrite core (044S-665802)(Export…AB series)	ﾌｪﾗｲﾄｺｱｰ
66	0CW3003P969／／	AY	FQ	N	C	Ferrite core (0443-16415)(Export…AB series)	ﾌｪﾗｲﾄｺｱｰ
67	0CW2222K215／／	AF	DS	N	C	ASM-FG harness	ASM-FGﾊｰﾈｽ
501	DUNT−6861FCZZ	DN	＊＊	N	E	RADF unit (Japan only)	RADFﾕﾆｯﾄJ
	DUNT−6861FC11	DN	＊＊	N	E	RADF unit (AB series)	RADFﾕﾆｯﾄEX-AB
	DUNT−6861FC12	DN	＊＊	N	E	RADF unit (Inch series)	RADFﾕﾆｯﾄIN

47 RADF…外装 (RADF…Exteriors)



48 RADF…搬送部1 (RADF…Transport section 1)



48 RADF…搬送部1 (RADF…Transport section 1)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	0CW2158P035//	AF	DS	N	C	Fixing collar H	ｵｻｴｺﾛH
2	0CW2176P151//	AG	DS	N	C	Fixing collar plate spring 2	ｵｻｴｺﾛｲﾀﾊﾞﾈ2
3	0CW030040FZBi	AA	DD		C	Screw (3 X 4)	ﾊﾞｲﾝﾄﾞﾈｼﾞ
4	0CW030060FZTP	AA	DD		C	Screw (3 X 6)	ITﾀｯﾌﾟﾀｲﾄﾈｼﾞ
5	0CW2176P152//	AK	EB		C	Fixing plate spring plate	ｵｻｴｲﾀﾊﾞﾈﾊﾞﾝ
6	0CW2222P323//	AD	DJ	N	C	Fixing collar spring 20	ｵｻｴｺﾛﾊﾞﾈ-20
7	0CW2176P374B/	AD	DJ		C	Fixing collar spring 40	ｵｻｴｺﾛﾊﾞﾈ40
8	0CW2158P032D/	AD	DS		C	Fixing holder 1	ｵｻｴﾎﾙﾀﾞｰ1
9	0CW2158P033C/	AD	DS		C	Fixing holder 2	ｵｻｴﾎﾙﾀﾞｰ2
10	0CW2176P111G/	AW	FG	N	C	Fixing roller stay	ｵｻｴﾛｰﾗｰｽﾃｲ
11	0CW030040FZiT	AA	DD		C	Screw (3 X 4)	ITﾈｼﾞ
12	0CW2176P028B/	AK	DX	N	C	Fixing holder C	ｵｻｴﾎﾙﾀﾞ-C
13	0CW2176P154//	AG	DS	N	C	Fixing collar plate spring 2	ｵｻｴｺﾛｲﾀﾊﾞﾈ2
14	0CW040060FZTP	AA	DD		C	Screw (4 X 6)	ITﾀｯﾌﾟﾀｲﾄ(Sﾀｲﾄ)ﾈｼﾞ
15	0CW2144P409B/	AA	DD		C	Screw (3 X 6)	ﾓｰﾙﾄﾞBPﾈｼﾞ
16	0CW2222P124//	AE	DJ	N	C	HD plate spring	HDｲﾀﾊﾞﾈ
17	0CW2222P122//	AU	EZ	N	C	Lower guide plate	ｼﾀｶﾞｲﾄﾞﾌﾟﾚｰﾄ
18	0CW2222P206//	AE	DJ	N	C	Turn over collar shaft D	ﾊﾝﾃﾝｺﾛｼﾞｸD
19	0CW2214P033//	AE	DJ		C	Turn over collar	ﾊﾝﾃﾝｺﾛ
20	0CW2222P002B/	AR	EQ	N	C	Turn over lower guide	ﾊﾝﾃﾝｼﾀｶﾞｲﾄﾞ
21	0CW2222P319B/	AM	EG	N	C	Turn over sheet	ﾊﾝﾃﾝﾏｲﾗｰ
22	0CW2176P382//	BT	NE	N	B	DF belt	DFﾍﾞﾙﾄ
23	0CWER070SKP//	AA	DD		C	E type ring 7	Eﾘﾝｸﾞ7
24	0CW2160P344//	AR	EQ	N	B	Bearing (BRG8-16)	ﾍﾞｱﾘﾝｸﾞ

48 RADF…搬送部1 (RADF…Transport section 1)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
25	0CW2222P306//	BA	FX	N	C	Belt roller L	ﾍﾞﾙﾄﾛｰﾗｰL
26	0CW2164P142//	AF	DS		C	Belt roller spring holder	ﾍﾞﾙﾄﾛｰﾗｰﾊﾞﾈｳｹ
27	0CW2164P345//	AD	DJ	N	C	Roller spring	ｵﾄｼﾛｰﾗﾊﾞﾈ
28	0CW2164P143B/	AE	DS		C	Roller holder R	ｵﾄｼﾛｰﾗﾎﾙﾀﾞR
29	0CW2222P331//	BA	FX	N	C	Fixing roller L12	ｵｻｴﾛｰﾗｰL12
30	0CW2164P141B/	AE	DS		C	Roller holder F	ｵﾄｼﾛｰﾗﾎﾙﾀﾞF
31	0CW2222P305//	BB	GD	N	C	Belt roller R	ﾍﾞﾙﾄﾛｰﾗｰR
32	0CW812531////	AA	DD		C	Screw (3 X 4)	Mﾀｯﾌﾟﾀｲﾄﾈｼﾞ
33	0CW2176P377B/	AT	EZ	N	B	Discharge brush K	ｼﾞｮﾃﾞﾝﾌﾞﾗｼK
34	0CW2176P136C/	AW	FG	N	C	Bottom plate	ｿｺｲﾀ
35	0CW2222K006//	BF	GN	N	C	Side plate R ass'y	ｿｸﾊﾞﾝRｶｼﾒｸﾐ
36	0CW2176P378//	AF	DS		C	Stay sheet	ｽﾃｰﾏｲﾗｰ
37	0CW2176P025//	AF	DS	N	C	DF spacer 1	DFｽﾍﾟｰｻｰ1
38	0CW2222P120//	AG	DX	N	C	Belt tension plate R	ﾍﾞﾙﾄﾃﾝｼｮﾝR
39	0CW2078P086B/	AB	DD		C	Screw	M3ﾀﾞﾝﾋﾞｽ2.2
40	0CW2222P119//	AG	DX	N	C	Belt tension plate F	ﾍﾞﾙﾄﾃﾝｼｮﾝF
41	0CW4016P167//	AC	DJ	N	C	Screw (SCR030050)	ﾈｼﾞ
42	0CW2222P020//	AF	DS	N	C	BR holder	BRﾎﾙﾀﾞｰ
43	0CW2222K009//	BB	GD	N	C	Side plate F ass'y	ｿｸﾊﾞﾝFｶｼﾒｸﾐ
44	0CW2222P318B/	AE	DS	N	C	Spacer rubber 2.5	ｽﾍﾟｰｻｰｺﾞﾑ2.5
45	0CW2222P015//	AF	DS	N	C	Holder	ｽﾗｽﾄﾎﾙﾀﾞｰ
46	0CW2222P011//	AE	DS	N	C	Pulley (PLY-S2M-28-B)	ﾌﾟｰﾘｰ
47	0CW040080FZWS	AA	DD		C	Screw (4 X 8)	Wｾﾑｽﾈｼﾞ

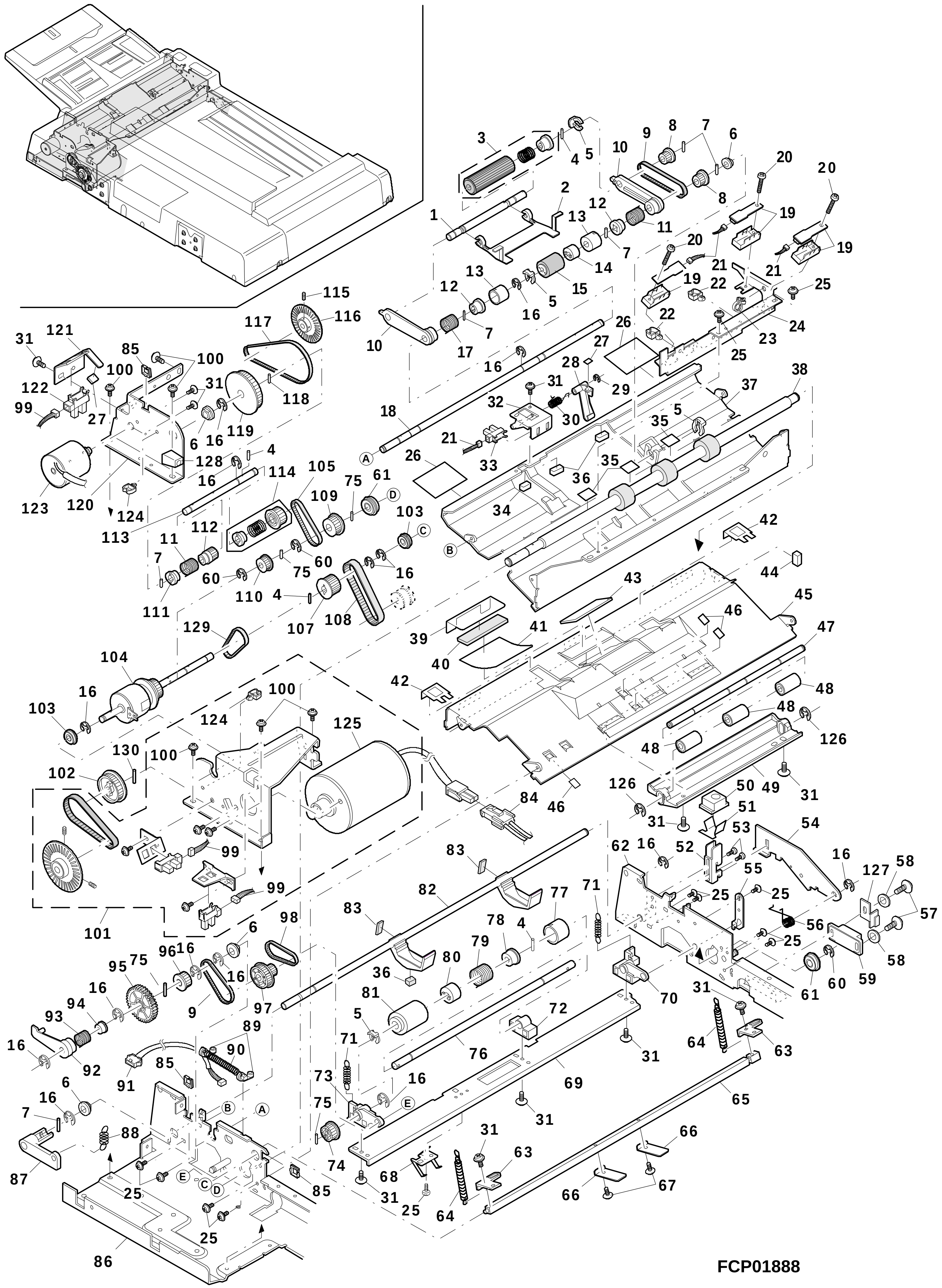
49 RADF…搬送部2 (RADF…Transport section 2)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	0CW2222P201//	AN	EQ	N	C	Pick up shaft	ﾋﾟｯｸｱｯﾌﾟｼﾞｸ
2	0CW2222P013//	AH	DX	N	C	Set holder	ｾｯﾄﾎﾙﾀﾞｰ
3	0CW2222P302//	AV	FG	N	C	Pick up roller OW	ﾋﾟｯｸｱｯﾌﾟﾛｰﾗｰOW
4	0CW020100SCH/	AA	DD		C	Pin (φ2-10)	ﾍｲｺｳﾋﾟﾝ
5	0CW2166P034B/	AC	DJ		C	Crip ring (CL1P-5)	ｸﾘｯﾌﾟﾘﾝｸﾞ
6	0CW2158P521B/	AE	DJ	N	B	Bearing 6	ｼﾞｸｳｹ-6
7	0CW020080SCH/	AB	DD		C	Pin (φ2-8)	ﾍｲｺｳﾋﾟﾝ
8	0CW2119P054//	AD	DJ	N	C	Pulley 18	ﾌﾟｰﾘｰ18
9	0CW2119P094//	AN	EQ		B	Belt (S2M-63-126)	ﾍﾞﾙﾄ
10	0CW2222P021//	AF	DS	N	C	Paper feeding holder	ｷｭｳｼﾎﾙﾀﾞｰ
11	0CW2119P110//	AF	DS	N	B	Paper feeding spring clutch R	ｷｭｳｼSPｸﾗｯﾁR
12	0CW2119P045//	AG	DX	N	C	Arbor	ｱｰﾊﾞｰ
13	0CW2134P060//	AK	DX	N	C	Clutch cover	ｸﾗｯﾁｶﾊﾞｰ
14	0CW3023P015B/	AP	EQ		C	Center drum (P120)	ﾁｭｳｶﾝﾄﾞﾗﾑ
15	0CW2148P095//	AS	EZ	N	C	Roller	ｾｲﾃﾝﾛｰﾗｰ
16	0CWER050SKP//	AA	DD		C	E type ring 5	Eﾘﾝｸﾞ5
17	0CW2119P111//	AF	DS	N	B	Paper feeding spring clutch F	ｷｭｳｼSPｸﾗｯﾁF
18	0CW2222P200B/	AV	FG	N	C	Shaft	ｾｲﾃﾝｼｬﾌﾄ
19	0CW2199K104//	AU	EZ		E	PBA-sensor PWB (9951)	PBA-ｾﾝｻｰｷﾊﾞﾝ
20	0CW030120FZWS	AA	DD		C	Screw (3 X 12)	ﾈｼﾞ
21	0CW2222K205//	AQ	EQ	N	C	ASM-main 2 harness	ASM-ﾒｲﾝ2ﾊｰﾈｽ
22	0CWE450000732	AC	DJ	N	C	Wire clamp (UAMS-05SN)	ﾜｲﾔｰｸﾗﾝﾌﾟ
23	0CWE450000871	AB	DJ		C	Snap band (SG-110)	ｽﾅｯﾌﾟﾊﾞﾝﾄﾞ
24	0CW2222P106//	AQ	EQ	N	C	Resist SEN bracket	ﾚｼﾞSENﾌﾞﾗｹｯﾄ
25	0CW030060FZTP	AA	DD		C	Screw (3 X 6)(Japan,inch series)	ITﾀｯﾌﾟﾀｲﾄﾈｼﾞ
	0CW2217P348//	AC	DJ	N	C	Screw (Export…AB series)	ｷｸｻﾞTPﾈｼﾞ
26	0CW2222P322//	AG	DX	N	C	Upper guide sheet	ｳｴｶﾞｲﾄﾞﾏｲﾗｰ
27	0CW2222P310B/	AE	DJ	N	C	EMP lever holder	EMPﾚﾊﾞｰｳｹ
28	0CW2222P005//	AG	DS	N	C	EMP lever	EMPﾚﾊﾞｰ
29	0CWER020SKP//	AA	DD		C	E-type ring 2	Eﾘﾝｸﾞ2
30	0CW2222P311//	AG	DX	N	C	EMP-S-spring	EMP-Sｽﾌﾟﾘﾝｸﾞ
31	0CW030040FZiT	AA	DD		C	Screw (3 X 4)	ITﾈｼﾞ
32	0CW2222K015//	AL	EB	N	C	EMP-S-bracket ass'y	EMP-S-ﾌﾞﾗｹｯﾄｶｼﾒｸﾐ
33	0CWE314000528	AL	EB		B	Photo interrupter (TLP1240(C5))	ﾌｫﾄｲﾝﾀﾗﾌﾟﾀｰ
34	0CW2176P317//	AD	DJ	N	C	Stopper rubber	ｽﾄｯﾊﾟｰｺﾞﾑ
35	0CW2176P349//	AE	DJ	N	C	Sheet	ｳｽｶﾞﾐﾏｲﾗｰ
36	0CW2176P330B/	AC	DJ		C	Pick up holder	ﾋﾟｯｸｱｯﾌﾟｳｹ
37	0CW2222P102//	AX	FG	N	C	K upper guide	Kｳｴｶﾞｲﾄﾞ
38	0CW2222P307//	BB	GD	N	C	Resist roller	ﾚｼﾞｽﾄﾛｰﾗｰ
39	0CW2222P314//	AH	DX	N	C	PR sheet	PRﾏｲﾗｰ
40	0CW2222P301//	AL	EB	N	C	PR holder	PRｳｹ
41	0CW2222P316//	AG	DX	N	C	Front sheet	ﾏｴﾏｲﾗｰ
42	0CW2222P329//	AG	DX	N	C	SG sheet	SGﾏｲﾗｰ
43	0CW2222P300//	AN	EG	N	C	Rubber	ﾏｴｻﾊﾞｷｺﾞﾑ
44	0CW2222P328//	AF	DS	N	C		ｼｮｳｵﾝｺﾞﾑ
45	0CW2222P103//	AX	FG	N	C	K lower guide	Kｼﾀｶﾞｲﾄﾞ
46	0CW2176P323//	AE	DJ	N	C	Seal	ﾚｼﾞｾﾝｼｰﾙ
47	0CW2222P202//	AL	EB	N	C	Resist roller shaft	ﾚｼﾞﾛｰﾗｰｼｬﾌﾄ
48	0CW2166P016B/	AD	DJ		C	Resist roller	ﾚｼﾞﾛｰﾗｰ
49	0CW2222P012//	AH	DX	N	C	Resist holder	ﾚｼﾞﾎﾙﾀﾞｰ
50	0CW2176P011B/	AK	EB		D	Jam button (Japan only)	ｼﾞｬﾑﾎﾞﾀﾝ
	0CW2176P026//	AL	EB	N	D	Jam button (Except Japan)	ｼﾞｬﾑﾎﾞﾀﾝ(ｶｲｶﾞｲ)

49 RADF…搬送部2 (RADF…Transport section 2)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
51	0CW2176P342／／	AG	DX	N	C	Button sheet	ﾎﾞﾀﾝﾏｲﾗｰ
52	0CW2222P109／／	AF	DS	N	C	Jam lever	ｼﾞｬﾑﾚﾊﾞｰ
53	0CW2078P023B／	AC	DJ		C	Screw 1.4	M3ﾀﾞﾝﾋﾞｽ1.4
54	0CW2176P139B／	AG	DX		C	Jam lever 1	ｼﾞｬﾑﾚﾊﾞｰ1
55	0CW2222K020／／	AF	DS	N	C	RS hold plate ass'y	RSｳｹｲﾀ ｶｼﾒｸﾐ
56	0CW2176P328B／	AK	EB		C	Jam K spring	ｼﾞｬﾑKﾈｼﾞﾘﾊﾞﾈ
57	0CW030080FZWS	AA	DD		C	Screw (3 × 8)	ｺﾈｼﾞ
58	0CWHW040FZM／／	AA	DD		C	Washer (φ4)	ﾋﾗﾜｯｼｬｰ
59	0CW2088P222C／	AH	DX		B	MG catch	MGｷｬｯﾁｬｰ
60	0CWER070SKP／／	AA	DD		C	E type ring 7	Eﾘﾝｸﾞ7
61	0CW2160P344／／	AR	EQ	N	B	Bearing (BRG8-16)	ﾍﾞｱﾘﾝｸﾞ
62	0CW2222K009／／	BB	GD	N	C	Side plate F ass'y	ｿｸﾊﾞﾝF ｶｼﾒｸﾐ
63	0CW2119P017／／	AD	DJ	N	C	Resist release plate R	ﾚｼﾞｶｲｼﾞｮｲﾀR
64	0CW2222P320B／	AF	DS	N	C	Resist spring	ﾚｼﾞｽﾄﾊﾞﾈ
65	0CW2176P205／／	AX	FG	N	C	Resist shaft	ﾚｼﾞｼｬﾌﾄ
66	0CW2176P131／／	AG	DX	N	C	Resist plate spring	ﾚｼﾞｲﾀﾊﾞﾈ
67	0CW030060FZWS	AA	DD		C	Screw (3 × 6)	W ｾﾑｽﾈｼﾞ
68	0CW2222P126B／	AG	DX	N	C	Earth plate HE	ｱｰｽｲﾀHE
69	0CW2176P134B／	AP	EQ	N	C	Reverse holder plate	ｷﾞｬｸﾃﾝｳｹｲﾀ
70	0CW2119P039B／	AE	DS		C	Side holder F	ｻｲﾄﾞﾎﾙﾀﾞｰF
71	0CW2176P379／／	AN	EG	N	C	Separator spring (SP-300)	ﾌﾞﾝﾘｽﾌﾟﾘﾝｸﾞ-300
72	0CW2119P038C／	AE	DJ		C	Center holder	ｾﾝﾀｰﾎﾙﾀﾞｰ
73	0CW2119P040B／	AE	DS		C	Side holder R	ｻｲﾄﾞﾎﾙﾀﾞｰR
74	0CW2119P053B／	AC	DD		C	Reverse Pulley	ｷﾞｬｸﾃﾝﾌﾟｰﾘｰ
75	0CW020120SCH／	AA	DD		C	Pin (φ2-12)	ﾍｲｺｳﾋﾟﾝ
76	0CW2176P206／／	AT	EZ	N	C	Reverse shaft	ｷﾞｬｸﾃﾝｼｬﾌﾄ
77	0CW2119P044B／	AD	DS		C	Cover	ﾌﾀ
78	0CW3023P013B／	AD	DS		C	Reverse drum	ｷﾞｬｸﾃﾝﾄﾞﾗﾑ
79	0CW3023P092C／	AE	DS		C	Coil spring	ｻﾊﾞｷｺｲﾙﾊﾞﾈ
80	0CW3023P014C／	AN	EQ		C	Reverse joint	ｷﾞｬｸﾃﾝｼﾞｮｲﾝﾄ
81	0CW2148P096／／	AV	FG	N	C	Reverse roller	ｷﾞｬｸﾃﾝﾛｰﾗｰ
82	0CW2222P312／／	AY	FQ	N	C	Shutter	ｼｬｯﾀｰ
83	0CW2222P330／／	AE	DJ	N	C	Shutter Rubber	ｼｬｯﾀｰｺﾞﾑ
84	0CW2222K211B／	AV	FG	N	C	ASM-drive harness	ASM-ﾄﾞﾗｲﾌﾞﾊｰﾈｽ
85	0CWE450000842	AC	DJ		C	Edge saddle (EDS-0607M)	ｴｯｼﾞｻﾄﾞﾙ
86	0CW2222K006／／	BF	GN	N	C	Side plate R ass'y	ｿｸﾊﾞﾝR ｶｼﾒｸﾐ
87	0CW2222P006／／	AG	DS	N	C	S lever 2	Sﾚﾊﾞｰ2
88	0CW2176P309B／	AF	DX		C	Stopper spring	ｽﾄｯﾊﾟｰｽﾌﾟﾘﾝｸﾞ
89	0CWE450000748	AC	DJ		C	Cable band (PLC1M-S4)	ｹｰﾌﾞﾙﾊﾞﾝﾄﾞ
90	0CW2176P348／／	AH	DX	N	C	Harness spring	ﾊｰﾈｽﾊﾞﾈ
91	0CW2222K210／／	AP	EQ	N	C	ASM-tray interface harness	ASM-ﾄﾚｲﾁｭｳｹｲﾊｰﾈｽ
92	0CW2176P013／／	AK	DX	N	C	Stopper release lever	ｽﾄｯﾊﾟｰｶｲｼﾞｮﾚﾊﾞｰ
93	0CW2119P109／／	AG	DS	N	B	Release spring clutch	ｶｲｼﾞｮSP ｸﾗｯﾁ
94	0CW2119P098B／	AP	EQ		B	Arbor clutch (P133)	ｱｰﾊﾞｰｸﾗｯﾁ
95	0CW2119P046／／	AE	DS	N	C	Gear	ｾｲﾃﾝｷﾞｬ
96	0CW2119P086／／	AU	EZ	N	C	Clutch pulley (G274)	ｾｲﾃﾝｸﾗｯﾁﾌﾟｰﾘｰ
97	0CW2119P087／／	AU	EZ	N	C	Idle pulley (G273)	ｱｲﾄﾞﾙﾌﾟｰﾘｰ
98	0CW2119P093／／	AL	EB	N	B	Belt (S2M-50-100)	ﾍﾞﾙﾄ
99	0CW2222K204／／	AR	EQ	N	C	ASM-main harness	ASM-ﾒｲﾝﾊｰﾈｽ
100	0CW2164P340／／	AC	DJ	N	C	Screw (4 × 7)	ﾏﾙﾀｯﾌﾟﾈｼﾞ
101	0CW2222K031／／	BS	MJ	N	E	B motor ass'y	Bﾓｰﾀｰｸﾐ
102	0CW2168P030D／	AG	DX	N	C	Pulley (PLY-S2M-50)	ﾌﾟｰﾘｰ
103	0CW636700-01／	AS	EZ		C	Ball bearing (6LF1060ZZ)	ﾎﾞｰﾙﾍﾞｱﾘﾝｸﾞ
104	0CW2222P400／／	BN	HZ	N	B	Clutch (CLU-MCA-35D)	ｸﾗｯﾁ
105	0CW2204P306／／	AN	EQ	N	B	Belt (BLT-S2M-61-4)	ﾍﾞﾙﾄ
107	0CW2222P009／／	AF	DS	N	C	Pulley (PLY-S2M-28)	ﾌﾟｰﾘｰ
108	0CW2160P324B／	AS	EQ	N	B	Belt (BLT S2M 76-10)	ﾍﾞﾙﾄ
109	0CW2222P010／／	AE	DS	N	C	Pulley (PLY-S2M-30)	ﾌﾟｰﾘｰ
110	0CW2222P008／／	AE	DJ	N	C	Pulley (PLY-S2M-24)	ﾌﾟｰﾘｰ
111	0CW2119P153／／	AG	DX	N	C	Center arbor	ｾﾝﾀｰｱｰﾊﾞｰ
112	0CW2119P048B／	AF	DS		C	Center gear	ｾﾝﾀｰｷﾞｬｰ
113	0CW2222P203／／	AN	EG	N	C	K drive shaft	Kｸﾄﾞｳｼﾞｸ
114	0CW2222P313／／	AL	EB	N	C	Pulley (PLY-S2M-24-OW)	ﾌﾟｰﾘｰ
115	0CW030080FPWP	AB	DJ		C	Screw (3 × 8)	6ｶｸｱﾅﾂｷﾄﾒﾈｼﾞ
116	0CW2166P299／／	AS	EZ	N	C	Clock pulley (PLY-S2M-14)	ｸﾛｯｸﾌﾟｰﾘｰ
117	0CW2144P317／／	AP	EQ	N	B	Belt (BLT-S2M-100-4)	ﾍﾞﾙﾄ
118	0CWSP02012FPA	AB	DJ		C	Spring pin	ｽﾌﾟﾘﾝｸﾞﾋﾟﾝ
119	0CW2222P004／／	AF	DS	N	C	Pulley (PLY-S2M-60)	ﾌﾟｰﾘｰ
120	0CW2222P110／／	AN	EG	N	C	KM-bracket (KM-BKT)	KM-ﾌﾞﾗｹｯﾄ
121	0CW2222P114／／	AE	DS	N	C	KMS-bracket (KMS-BKT)	KMS-ﾌﾞﾗｹｯﾄ
122	0CWE314000531	AN	EG		B	Photo interrupter (TLP1225(C5))	ﾌｫﾄｲﾝﾀﾗﾌﾟﾀｰ
123	0CW4045P400C／	BM	HR	N	B	Motor (MOT-NA3535D02)	ﾓｰﾀｰ
124	0CWE450000575	AC	DJ	N	C	Wire clamp (UAMS-07-0)	ﾜｲﾔｰｸﾗﾝﾌﾟ
125	0CW2222P401／／	BQ	LP	N	B	Motor (MOT-NC5475D06)	ﾓｰﾀｰ
126	0CWER040SKP／／	AA	DD		C	E type ring	Eﾘﾝｸﾞ4
127	0CW2222P138／／	AF	DS	N	C	MG earth (Export…AB series)	MGｱｰｽ
128	0CWE240000268	AS	EQ	N	C	Ferrite core (0443-164251)(Export…AB series)	ﾌｪﾗｲﾄｺｱｰ
129	0CW2088P283／／	AN	EG	N	C	Belt (BLT-S2M-56-4)	ﾍﾞﾙﾄ
130	0CW020140SCH／	AB	DD		C	Pin (φ2-14)	ﾍｲｺｳﾋﾟﾝ

49 RADF…搬送部2 (RADF…Transport section 2)

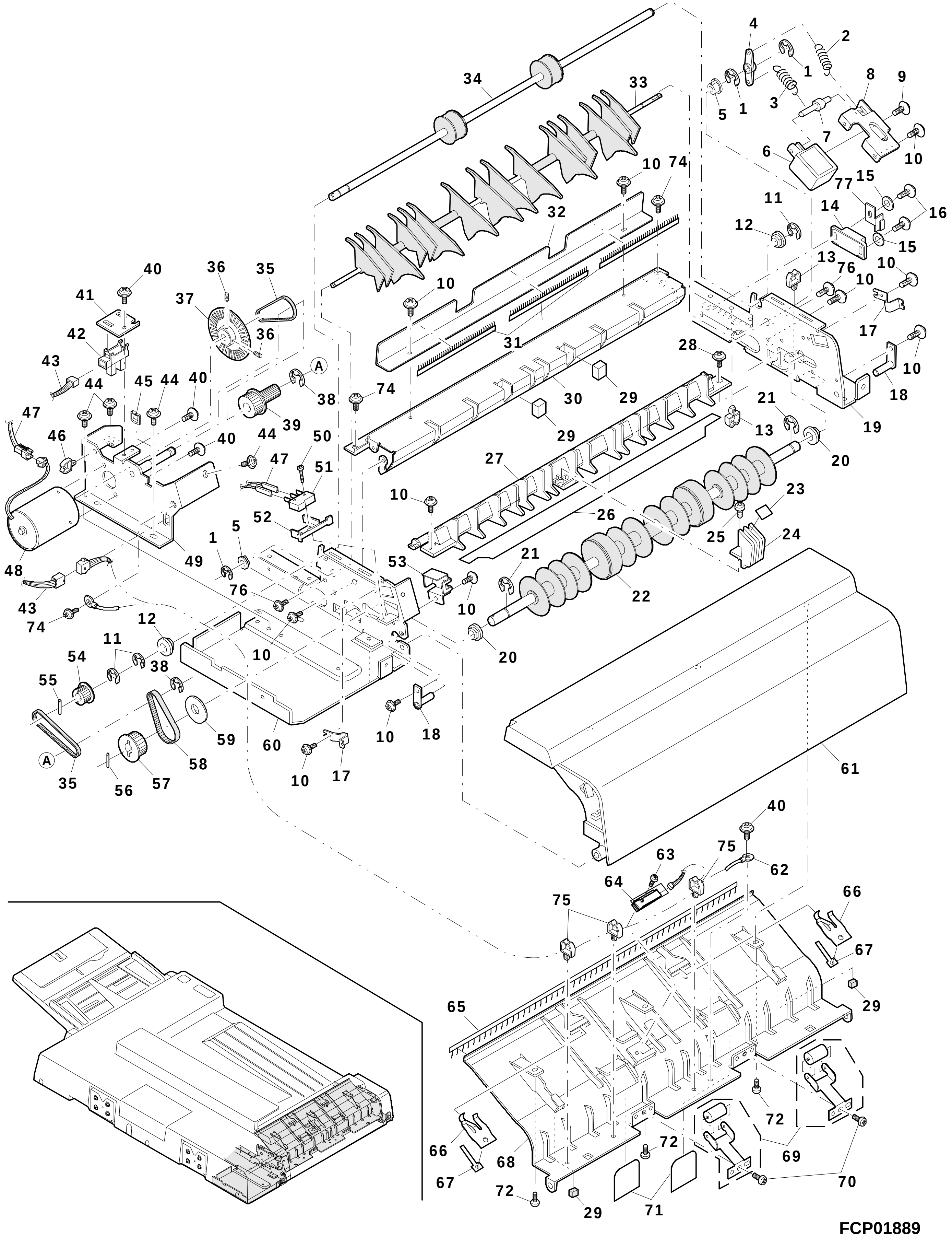


FCP01888

50 RADF…搬送部3 (RADF…Transport section 3)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	0CWER030SKP//	AA	DD		C	E type ring 3	Eﾘﾝｸﾞ 3
2	0CW2176P347//	AG	DX	N	C	Flapper spring	ﾌﾗｯﾊﾟｰﾊﾞﾈ
3	0CW2176P321//	AG	DX	N	C	Solenoid spring	SOLﾊﾞﾈ
4	0CW2176P022B/	AG	DX		C	Solenoid lever	SOL ﾚﾊﾞｰ
5	0CW2160P332B/	AD	DJ		B	Bearing 4	ｼﾞｸｳｹ 4
6	0CW2214P402//	AU	FG		B	Solenoid (SOL-TDS-06A-4013)	ｿﾚﾉｲﾄﾞ
7	0CW2158P005//	AE	DS	N	C	Solenoid stopper pin	SOLｽﾄｯﾊﾟｰﾋﾟﾝ
8	0CW2176P112B/	AG	DX	N	C	Solenoid bracket	SOL-ﾌﾞﾗｹｯﾄ
9	0CW030040FZWS	AA	DD		C	Screw (3 X 4)	W ｾﾑｽﾈｼﾞ
10	0CW030060FZTP	AA	DD		C	Screw (3 X 6)	IT ﾀｯﾌﾟﾀｲﾄﾈｼﾞ
11	0CWER050SKP//	AA	DD		C	E type ring 5	Eﾘﾝｸﾞ 5
12	0CW2158P521B/	AE	DJ	N	B	Bearing 6	ｼﾞｸｳｹ-6
13	0CWE450000732	AC	DJ	N	C	Wire clamp (UAMS-05SN)	ﾜｲﾔｰｸﾗﾝﾌﾟ
14	0CW2088P222C/	AH	DX		B	MG catch	MG ｷｬｯﾁｬｰ
15	0CWHW040FZM//	AA	DD		C	Washer (ϕ 4)	ﾋﾗﾜｯｼｬｰ
16	0CW030080FZWS	AA	DD		C	Screw (3 X 8)	ｺﾈｼﾞ
17	0CW2176P143B/	AG	DX		C	Lock plate spring	ﾛｯｸｲﾀﾊﾞﾈ
18	0CW2222K039//	AH	DX	N	C	Fulcrum bracket ass'y	ｼﾃﾝﾌﾞﾗｹｯﾄｶｼﾒｸﾐ
19	0CW2222K009//	BB	GD	N	C	Side plate F ass'y	ｿｸﾊﾞﾝF ｶｼﾒｸﾐ
20	0CW319300////	AD	DJ		C	Bearing 8	ｼﾞｸｳｹ8
21	0CWER070SKP//	AA	DD		C	E type ring 7	Eﾘﾝｸﾞ 7
22	0CW2222P315//	BB	GD	N	C	Turn over roller	ﾊﾝﾃﾝﾛｰﾗｰ
23	0CW2222P309//	AG	DS	N	C	Mirror seal 22	ﾐﾗｰｼｰﾙ 22
24	0CW2222P014//	AG	DS	N	C	Mirror base	ﾐﾗｰﾀﾞｲ
25	0CW2144P410B/	AA	DD		C	Screw (3 X 8)	ﾓｰﾙﾄﾞ BP ﾈｼﾞ
26	0CW2222P324//	AK	EB	N	C	Inside guide sheet 22	ﾅｶｶﾞｲﾄﾞﾏｲﾗｰ22
27	0CW2222P007//	AR	EQ	N	C	Turn over inside guide	ﾊﾝﾃﾝﾅｶｶﾞｲﾄﾞ
28	0CW2078P119B/	AB	DD		C	Screw 3.2	M3ﾀﾞﾝﾋﾞｽ 3.2
29	0CW2176P317//	AD	DJ	N	C	Stopper rubber	ｽﾄｯﾊﾟｰｺﾞﾑ
30	0CW2222P121//	AT	EZ	N	C	Reinforce plate	ﾎｷｮｳﾌﾟﾚｰﾄ
31	0CW2176P370C/	AL	EB	N	B	Discharge brush 5	ｼﾞｮﾃﾞﾝﾌﾞﾗｼ 5
32	0CW2222P127B/	AL	EB	N	C	Brush bracket	ﾌﾞﾗｼﾌﾞﾗｹｯﾄ
33	0CW2222P303//	AY	FQ	N	C	Flapper	ﾌﾗｯﾊﾟｰ
34	0CW2222P308//	AZ	FQ	N	C	Delivery roller	ﾊｲｼﾛｰﾗｰ
35	0CW2088P283//	AN	EG	N	C	Belt (BLT-B40-S2M-112)	ﾍﾞﾙﾄ
36	0CW030080FPWP	AB	DJ		C	Screw (3 X 8)	6ｶｸｱﾅﾂｷﾄﾒﾈｼﾞ
37	0CW2176P310//	AU	FG	N	C	Clock plate 14	ｸﾛｯｸﾊﾞﾝ14
38	0CWER040SKP//	AA	DD		C	E type ring 4	Eﾘﾝｸﾞ 4
39	0CW2222P016//	AF	DS	N	C	Pulley (PLY-S2M-16-30H)	ﾌﾟｰﾘｰ
40	0CW030040FZiT	AA	DD		C	Screw (3 X 4)	IT ﾈｼﾞ
41	0CW2166P108//	AC	DJ	N	C	SENS plate	SENS ﾌﾟﾚｰﾄ
42	0CWE314000531	AN	EG		B	Photo interrupter (TLP1225(C5))	ﾌｫﾄｲﾝﾀﾗﾌﾟﾀｰ
43	0CW2222K207//	AL	EB	N	C	ASM-R sensor harness	ASM-R ｾﾝｻｰﾊｰﾈｽ
44	0CW2164P340//	AC	DJ	N	C	Screw (4 X 7)	ﾏﾙﾀｯﾌﾟﾈｼﾞ
45	0CWE450000842	AC	DJ		C	Edge saddle (EDS-0607M)	ｴｯｼﾞｻﾄﾞﾙ
46	0CWE450000575	AC	DJ	N	C	Wire clamp (UAMS-07-0)	ﾜｲﾔｰｸﾗﾝﾌﾟ
47	0CW2222K211B/	AV	FG	N	C	ASM-drive harness	ASM-ﾄﾞﾗｲﾌﾞﾊｰﾈｽ
48	0CW2210P407//	BK	HC	N	B	Motor (MOT-NA4056A08)	ﾓｰﾀｰ
49	0CW2222K033//	AS	EQ	N	C	HM-bracket ass'y	HM-ﾌﾞﾗｹｯﾄｶｼﾒｸﾐ
50	0CW023120FZBi	AA	DD		C	Screw (2.3 X 12)	ﾊﾞｲﾝﾄﾞﾈｼﾞ
51	0CWE120000870	AM	EG		B	Microswitch (SS-5T)	ﾏｲｸﾛｽｲｯﾁ
52	0CW2158P003C/	AE	DS		C	Switch lever	SW ﾚﾊﾞｰ
53	0CW2158P103B/	AE	DS	N	C	Lever holder	ﾚﾊﾞｰﾎﾙﾀﾞｰ
54	0CW2222P017//	AE	DJ	N	C	Pulley (PLY-S2M-20H)	ﾌﾟｰﾘｰ
55	0CW020080SCH/	AB	DD		C	Pin (ϕ 2-8)	ﾍｲｺｳﾋﾟﾝ
56	0CW020120SCH/	AA	DD		C	Pin (ϕ 2-12)	ﾍｲｺｳﾋﾟﾝ
57	0CW2222P018//	AE	DS	N	C	Pulley (PLY-S2M-30H)	ﾌﾟｰﾘｰ
58	0CW2222P304//	AP	EQ	N	B	Belt (BLT-S2M-50-6)	ﾍﾞﾙﾄ
59	0CW2222P019//	AF	DS	N	C	Pulley flange 22	ﾌﾟｰﾘｰﾌﾗﾝｼﾞ 22
60	0CW2222K006//	BF	GN	N	C	Side plate R ass'y	ｿｸﾊﾞﾝR ｶｼﾒｸﾐ
61	0CW2222P001//	AY	FQ	N	C	Turn over cover	ﾊﾝﾃﾝｶﾊﾞｰ
62	0CW2222K208//	AL	EB	N	C	ASM-R sensor interface harness	ASM-R ｾﾝｻｰﾁｭｳｹｲﾊｰﾈｽ
63	0CW030120FZWS	AA	DD		C	Screw (3 X 12)	ﾈｼﾞ
64	0CW2199K104//	AU	EZ		E	PBA-sensor PWB (9951)	PBA-ｾﾝｻｰｷﾊﾞﾝ
65	0CW2176P315B/	AN	EQ		B	Discharge brush	ｼﾞｮﾃﾞﾝﾌﾞﾗｼ
66	0CW2222P108B/	AG	DS	N	C	Delivery spring	ﾊｲｼﾊﾞﾈ
67	0CW2198P358//	AE	DJ		C	Teflon tape N	ﾃﾌﾛﾝﾃｰﾌﾟ N
68	0CW2222P104//	AW	FG	N	C	Turn over guide	ﾊﾝﾃﾝｶﾞｲﾄﾞ
69	0CW2222K037B/	AP	EQ	N	C	Turn over collar spring ass'y	ﾊﾝﾃﾝｺﾛﾊﾞﾈｶｼﾒｸﾐ
70	0CW030040FZBi	AA	DD		C	Screw (3 X 4)	ﾊﾞｲﾝﾄﾞﾈｼﾞ
71	0CW2222P321//	AE	DS	N	C	H protect sheet	Hｼｮｳｵﾝﾏｲﾗｰ
72	0CW2144P409B/	AA	DD		C	Screw (3 X 6)	ﾓｰﾙﾄﾞ BP ﾈｼﾞ
74	0CW040060FZTP	AA	DD		C	Screw (4 X 6)	IT ﾀｯﾌﾟﾀｲﾄﾈｼﾞ
75	0CWE450000576	AC	DJ	N	C	Wire clamp (UAMS-09-0)	ﾜｲﾔｰｸﾗﾝﾌﾟ
76	0CW030060FZTP	AA	DD		C	Screw (3 X 6)(Japan,inch series)	IT ﾀｯﾌﾟﾀｲﾄﾈｼﾞ
	0CW2217P348//	AC	DJ	N	C	Screw (Export…AB series)	ｷｸｻﾞ TP ﾈｼﾞ
77	0CW2222P138//	AF	DS	N	C	MG earth (Export…AB series)	MG ｱｰｽ

50 RADF…搬送部3 (RADF…Transport section 3)

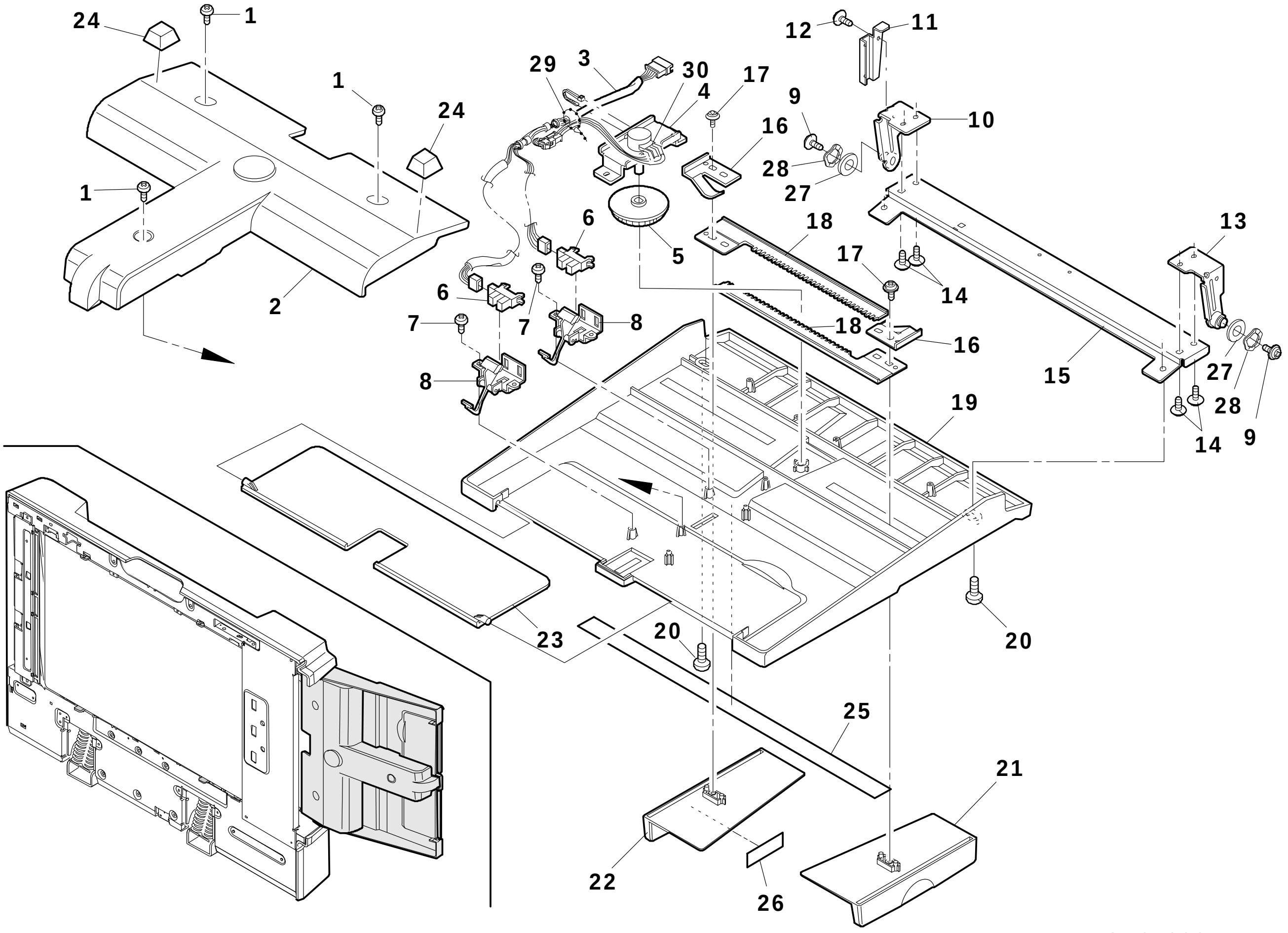


FCP01889

51 RADF…給紙ﾄﾚｲ部 (RADF…Paper feeding tray section)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	0CW2144P410B/	AA	DD		C	Screw (3 ✕ 8)	ﾓｰﾙﾄﾞBPﾈｼﾞ
2	0CW2176P004//	BA	FX	N	D	Bottom cover	ｿｺｶﾊﾞｰ
3	0CW2222K212//	AW	FG	N	C	ASM-tray H harness	ASM-ﾄﾚｲHﾊｰﾈｽ
4	0CW2222K054//	AX	FG	N	C	Rotary bracket	ﾛｰﾀﾘｰﾌﾞﾗｹｯﾄ
5	0CW2176P021//	AK	DX	N	C	Pinion gear	ﾋﾟﾆｵﾝｷﾞﾔ
6	0CWE314000301	AM	EG		B	Photo interrupter (TLP1217(C2))	ﾌｵﾄｲﾝﾀﾗﾌﾟﾀｰ
7	0CW2144P409B/	AA	DD		C	Screw (3 ✕ 6)	ﾓｰﾙﾄﾞBPﾈｼﾞ
8	0CW2176K055C/	AR	EQ		C	Sensor lever ass'y	ｾﾝｻｰﾚﾊﾞｰｸﾐ
9	0CW040060FZWS	AA	DD		C	Screw (4 ✕ 6)	Wｾﾑｽﾈｼﾞ
10	0CW2222K052//	AT	EZ	N	C	Tray tension plate R ass'y	ﾄﾚｲｼﾃﾝｲﾀRｶｼﾒｸﾐ
11	0CW2176P144//	AG	DX	N	C	Harness fixing plate	ﾊｰﾈｽｵｻｴ
12	0CW812531////	AA	DD		C	Screw (3 ✕ 4)	Mﾀｯﾌﾟﾀｲﾄﾈｼﾞ
13	0CW2222K053//	AT	EZ	N	C	Tray tension plate F ass'y	ﾄﾚｲｼﾃﾝｲﾀFｶｼﾒｸﾐ
14	0CW040060FZiT	AA	DD		C	Screw (4 ✕ 6)	ITﾈｼﾞ
15	0CW2176P124//	AR	EQ	N	C	Tray plate	ﾄﾚｲﾌﾟﾚｰﾄ
16	0CW2176P138D/	AH	DX		C	Tray plate spring	ﾄﾚｲｲﾀﾊﾞﾈ
17	0CW030060FZWS	AA	DD		C	Screw (3 ✕ 6)	W ｾﾑｽﾈｼﾞ
18	0CW2142P179B/	AF	DS		C	Tray rack	ﾄﾚｲﾗｯｸ
19	0CW2176P003C/	BE	GN	N	D	Paper feeding tray	ｷｭｳｼﾄﾚｲ
20	0CW040080FNTR	AA	DJ		C	Screw (4 ✕ 8)	ﾄﾗｽﾈｼﾞ
21	0CW2176P005//	AP	EQ	N	C	Guide L	ｶﾞｲﾄﾞL
22	0CW2176P006//	AP	EQ	N	C	Guide R	ｶﾞｲﾄﾞR
23	0CW2176P008D/	AS	EQ		D	Sub tray	ｻﾌﾞﾄﾚｲ
24	0CW2176P364//	AL	EB	N	C	Tray rubber	ﾄﾚｲｺﾞﾑ
25	0CW2176P338C/	AU	EZ	N	D	Tray scale (Japan only)	ﾄﾚｲｽｹｰﾙ ｺｸﾅｲ
	0CW2176P339C/	AR	EQ	N	D	Tray scale (AB series)	ﾄﾚｲｽｹｰﾙ AB-EX
	0CW2176P340C/	AN	EQ	N	D	Tray scale (Inch series)	ﾄﾚｲｽｹｰﾙ IN
26	0CW2222P317//	AE	DS	N	C	Indicator label HE	ｼｼﾞｾﾝﾗﾍﾞﾙHE
27	0CWPW060050//	AA	DD		C	Washer	ﾎﾟﾘｽﾗｲﾀﾞｰ
28	0CW2176P345//	AC	DJ	N	C	Washer	ｳｪｰﾌﾞﾜｯｼｬｰ
29	0CWE450000739	AB	DJ		C	Band (P-108)	ﾋﾞｰｽﾞﾊﾞﾝﾄﾞ
30	0CW2222K213//	AV	FG	N	C	ASM-tray width H harness	ASM-ﾄﾚｲﾊﾊﾞHﾊｰﾈｽ

51 RADF…給紙ﾄﾚｲ部 (RADF…Paper feeding tray section)

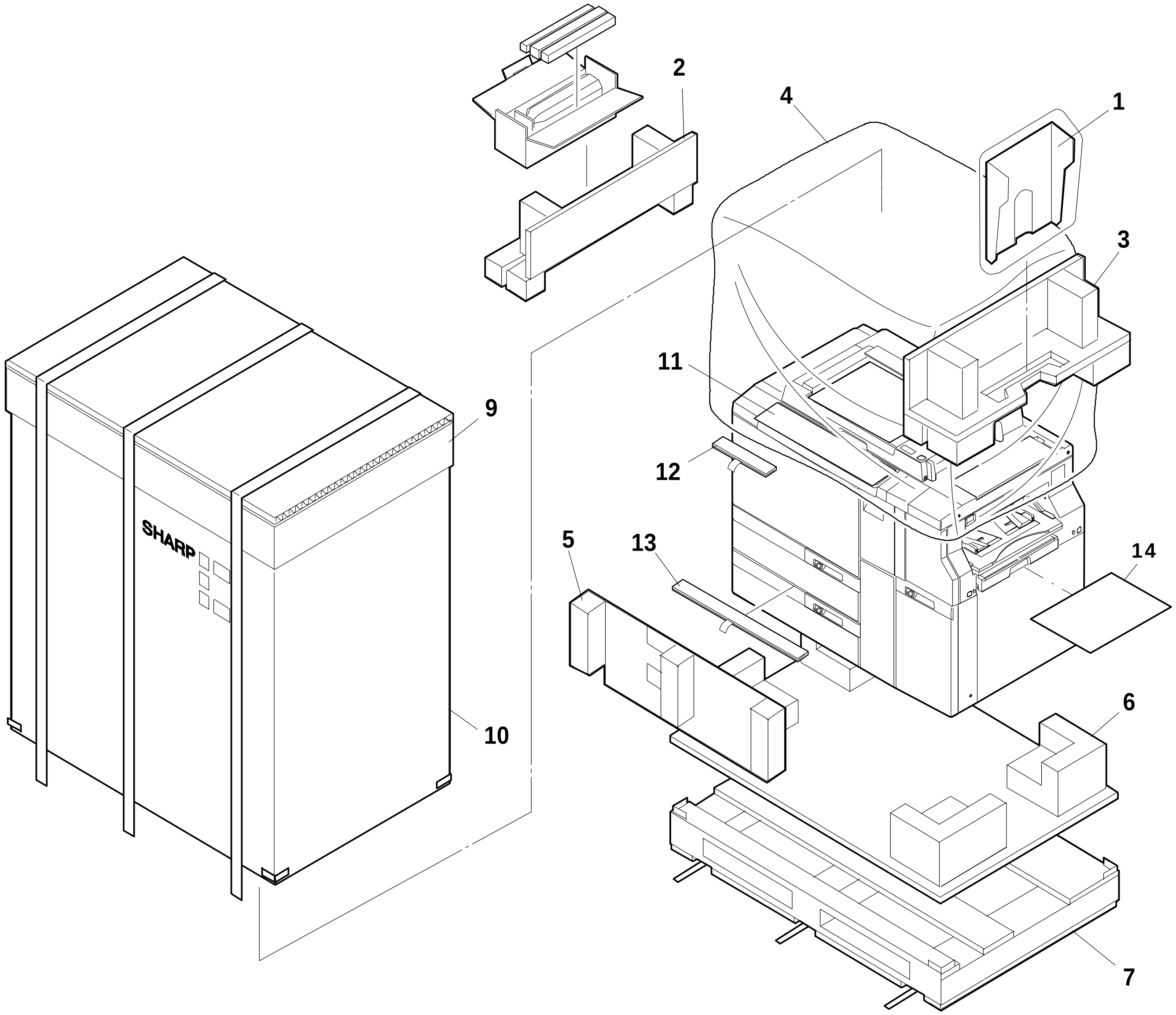


FCP01890

52 梱包材＆付属品 (Packing materials & Accessories)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	LSŌU-0054FCG4	AZ	FX		C	Delivery tray (Japan only)	ﾊｲｼﾄﾚｲ
2	SPAKA4936FCZZ	AZ	FX		D	Top packing cushion L	ﾃﾝﾊﾟｯﾄ L
3	SPAKA5513FCZZ	BB	FX	N	D	Top packing cushion R	ﾃﾝﾊﾟｯﾄ R
4	PSHEZ3405FCZZ	AR	EQ		C	Vinyl bag for body	ﾎﾝﾀｲﾎﾟﾘﾌﾞｸﾛ
5	SPAKA4935FCZZ	AX	FQ		D	Front packing cushion	ﾏｴﾊﾟｯﾄ
6	CPAKA4933FC02	BD	GN	N	D	Bottom case	ｿｺｹｰｽ
7	SPAKW4938FCZZ	BS	NE		D	Skid	ｽｷｯﾄ
9	SPAKA4932FCZZ	AW	FG		D	Top case	ﾃﾝｹｰｽ
10	SPAKC5509FCZZ	BS	MW	N	D	Packing case (Japan only···for 15A)	ﾊﾟｯｷﾝｸﾞｹｰｽ(15ｱﾝﾍﾟｱﾖｳ)
	SPAKC5509FC12	BS	MW	N	D	Packing case (Japan only···for 20A)	ﾊﾟｯｷﾝｸﾞｹｰｽ(20ｱﾝﾍﾟｱﾖｳ)
	SPAKC5535FCZZ	BT	NE	N	D	Packing case (For Europe···Except U,Kingdom)	ﾊﾟｯｷﾝｸﾞｹｰｽ
	SPAKC5535FC11	BT	NE	N	D	Packing case (Germany only)	ﾊﾟｯｷﾝｸﾞｹｰｽ
	SPAKC5509FC11	BR	LX	N	D	Packing case (Other countries)	ﾊﾟｯｷﾝｸﾞｹｰｽ
11	PSHEZ2097FCZZ	AF	DS		C	Operation protect sheet	ｿｳｻﾌﾞﾎｺﾞｼｰﾄ
12	SPAKA5002FCZZ	AE	DS		D	Front cover fixing packing cushion	ﾏｴｶﾊﾞｰｺﾃｲｻﾞｲ
13	SPAKA2159FCZZ	AB	DD		D	Front cover fixing packing cushion A	ﾏｴｶﾊﾞｰｺﾃｲｻﾞｲ A
14	SPAKA5514FCZZ	AC	DJ	N	D	Tray protect sheet	ﾄﾚｲﾎｺﾞｼｰﾄ
21	CCASZ0067FC02	AM	EG		D	Maintenance case (Japan only)	ﾒﾝﾃﾅﾝｽｹｰｽ
	CCASZ0067FC01	AD	DJ		D	Maintenance case (Export)	ﾒﾝﾃﾅﾝｽｹｰｽ
22	CYŌK-0040FC03	AX	FG		S	Waste toner bottle	ﾊｲﾄﾅｰﾎﾞﾄﾙ
23	LX-BZ0486FCZZ	AD	DJ		C	Lens fixing screw	ﾚﾝｽﾞｺﾃｲﾋﾞｽ
24	LX-BZ0489FCZZ	AB	DD		C	Mirror base fixing screw	MBｺﾃｲﾋﾞｽ
25	PSHEZ3407FCZZ	AE	DS		C	ADF tray protect sheet	ADFﾄﾚｲﾎｺﾞｼｰﾄ
26	SBNDZ0010FCZZ	AA	DD		D	Band	ｱﾔﾋﾓ
27	SPAKA1624FCZZ	AB	DD		D	AC cord sleeve	ACｺｰﾄﾞｽﾘｰﾌﾞ
28	SPAKA1672FCZZ	AA	DD		D	Packing cushion	ｴｻﾌｫｰﾑ
29	SPAKA4527FCZZ	AD	DJ		D	ADF protect sheet	ADFﾎｺﾞｼｰﾄ
30	SSAKA2440QCZZ	AB	DD		D	Vinyl bag for Accessories (280 × 410mm)	ﾌｿﾞｸﾋﾝﾖｳﾎﾟﾘﾌﾞｸﾛ
31	TCADS0497FCZZ	AH	DX		D	Card (Japan only)	ﾉｳﾆｭｳｾｯﾁﾎｳｺｸｼｮ
	TCADS0649FCZZ	AM	EG		D	Card (SEEG only)	ﾉｳﾆｭｳｾｯﾁﾎｳｺｸｼｮ
32	TCADZ0776FCZ1	AG	DX	N	D	Service contract card (Japan only)	ｻｰﾋﾞｽｹｲﾔｸｼｮ
33	TCADZ1276FCZZ	AF	DS	N	D	MSDS card (U.S.A.,CANADA,U,Kingdom)	MSDSｶｰﾄﾞ
34	TCADZ1296FCZZ	AC	DJ	N	D	K counter change card (Japan only)	Kｶｳﾝﾀｰｺｳｶﾝｼｮ
35	TCADZ2001QCZA	AE	DS		D	Card (U,Kingdom,Australia)	ｾｯﾁﾎｳｺｸｼｮ
36	TiNSJ1446FCZZ	BL	HL	N	D	Operation manual (Japanese)	ﾄﾘｱﾂｶｲｾﾂﾒｲｼｮ(ﾆﾎﾝｺﾞ)
	TiNSE1447FCZZ	BC	GD	N	D	Operation manual (U.S.A. only)	ﾄﾘｱﾂｶｲｾﾂﾒｲｼｮ
	TiNSE1448FCZZ	BH	GX	N	D	Operation manual (English)	ﾄﾘｱﾂｶｲｾﾂﾒｲｼｮ(ｴｲｺﾞ)
	TiNSE1492FCZZ	BN	HZ	N	D	Operation manual (U,Kingdom only)	ﾄﾘｱﾂｶｲｾﾂﾒｲｼｮ
	TiNSF1449FCZZ	BN	HZ	N	D	Operation manual (French)	ﾄﾘｱﾂｶｲｾﾂﾒｲｼｮ(ﾌﾗﾝｽｺﾞ)
	TiNSG1450FCZZ	BN	HZ	N	D	Operation manual (German)	ﾄﾘｱﾂｶｲｾﾂﾒｲｼｮ(ﾄﾞｲﾂｺﾞ)
	TiNSS1451FCZZ	BN	HZ	N	D	Operation manual (Spanish)	ﾄﾘｱﾂｶｲｾﾂﾒｲｼｮ(ｽﾍﾟｲﾝｺﾞ)
	TiNSi1452FCZZ	BN	HZ	N	D	Operation manual (Italian)	ﾄﾘｱﾂｶｲｾﾂﾒｲｼｮ(ｲﾀﾘｱｺﾞ)
	TiNSH1453FCZZ	BN	HZ	N	D	Operation manual (Dutch)	ﾄﾘｱﾂｶｲｾﾂﾒｲｼｮ(ｵﾗﾝﾀﾞｺﾞ)
	TiNSZ1454FCZZ	BN	HZ	N	D	Operation manual (Arabic)	ﾄﾘｱﾂｶｲｾﾂﾒｲｼｮ(ｱﾗﾋﾞｱｺﾞ)
37	TiNSJ1455FCZZ	AZ	FQ	N	D	Operation manual(Key operator guide) (Japanese)	ｷｰｵﾍﾟﾚｰﾀｰｶﾞｲﾄﾞ(ﾆﾎﾝｺﾞ)
	TiNSE1456FCZZ	AW	FG	N	D	Operation manual(Key operator guide) (U.S.A. only)	ｷｰｵﾍﾟﾚｰﾀｰｶﾞｲﾄﾞ
	TiNSE1457FCZZ	BC	GD	N	D	Operation manual(Key operator guide) (U,Kingdom only)	ｷｰｵﾍﾟﾚｰﾀｰｶﾞｲﾄﾞ
	TiNSE1458FCZZ	BA	FX	N	D	Operation manual(Key operator guide) (English)	ｷｰｵﾍﾟﾚｰﾀｰｶﾞｲﾄﾞ(ｴｲｺﾞ)
	TiNSF1459FCZZ	BC	GD	N	D	Operation manual(Key operator guide) (French)	ｷｰｵﾍﾟﾚｰﾀｰｶﾞｲﾄﾞ(ﾌﾗﾝｽｺﾞ)
	TiNSG1460FCZZ	BC	GD	N	D	Operation manual(Key operator guide) (German)	ｷｰｵﾍﾟﾚｰﾀｰｶﾞｲﾄﾞ(ﾄﾞｲﾂｺﾞ)
	TiNSS1461FCZZ	BC	GD	N	D	Operation manual(Key operator guide) (Spanish)	ｷｰｵﾍﾟﾚｰﾀｰｶﾞｲﾄﾞ(ｽﾍﾟｲﾝｺﾞ)
	TiNSi1462FCZZ	BC	GD	N	D	Operation manual(Key operator guide) (Italian)	ｷｰｵﾍﾟﾚｰﾀｰｶﾞｲﾄﾞ(ｲﾀﾘｱｺﾞ)
	TiNSH1463FCZZ	BC	GD	N	D	Operation manual(Key operator guide) (Dutch)	ｷｰｵﾍﾟﾚｰﾀｰｶﾞｲﾄﾞ(ｵﾗﾝﾀﾞｺﾞ)
	TiNSZ1464FCZZ	BC	GD	N	D	Operation manual(Key operator guide) (Arabic)	ｷｰｵﾍﾟﾚｰﾀｰｶﾞｲﾄﾞ(ｱﾗﾋﾞｱｺﾞ)
38	TLABZ0248FCZZ	AB	DD		C	Screw caution label (Japan only)	ｺﾃｲﾈｼﾞﾚﾘｰｽﾞﾗﾍﾞﾙ
	TLABZ0241FCZZ	AB	DD		C	Screw caution label (Export)	ｺﾃｲﾈｼﾞﾚﾘｰｽ E
40	UCLEZ0009FCZZ	AE	DS		D	Charger cleaner	ﾁｬｰｼﾞｬｰｸﾘｰﾅｰ
41	CLABZ0248FC01	AF	DS		C	Label (for 1000 tray) (Japan only)	ｶｲｺﾝﾗﾍﾞﾙ(1000ﾄﾚｲﾖｳ)
	CLABZ0241FC01	AF	DS		C	Label (for 1000 tray) (Export)	ｶｲｺﾝﾗﾍﾞﾙ(1000ﾄﾚｲﾖｳ)
42	CLABZ0248FC02	AG	DX	N	C	Label (for 3000 tray) (Japan only)	ｶｲｺﾝﾗﾍﾞﾙ(3000ﾄﾚｲﾖｳ)
	CLABZ0241FC02	AG	DX	N	C	Label (for 3000 tray) (Export)	ｶｲｺﾝﾗﾍﾞﾙ(3000ﾄﾚｲﾖｳ)
46	PSHEP3092FCZZ	AD	DJ		C	RDH protect sheet	RDHﾎｺﾞｼｰﾄ
47	TCADZ1160FCZ1	AD	DJ		D	Sorter instruction card (Japan only)	ｿｰﾀｰｾﾂﾒｲｼｮ
	TCADZ1161FCZZ	AE	DJ	N	D	Sorter instruction card (U.S.A.,Australia,U,Kingdom)	ｿｰﾀｰｾﾂﾒｲｼｮ
	TCADZ1162FCZZ	AF	DS	N	D	Sorter instruction card (Other countries)	ｿｰﾀｰｾﾂﾒｲｼｮ
48	TCADZ1302FCZZ	AE	DJ	N	D	Fusing caution card	ﾃｲﾁｬｸｶｲｺﾝﾁｭｳｲｶｰﾄﾞ
49	TCADZ1303FCZZ	AE	DJ	N	D	Blade caution card	ﾌﾞﾚｰﾄﾞｶｱﾂﾁｭｳｲｶｰﾄﾞ
51	TLABZ3576FCZZ	AE	DS		C	Original set label (Japan only)	ｹﾞﾝｺｳｾｯﾄﾗﾍﾞﾙJ
	TLABH3999FCZZ	AF	DS	N	C	Original set label (U.S.A.,Australia,U,Kingdom)	ｹﾞﾝｺｳｾｯﾄﾗﾍﾞﾙU
	TLABH4000FCZZ	AF	DS	N	C	Original set label (other countries)	ｹﾞﾝｺｳｾｯﾄﾗﾍﾞﾙE4
52	SPAKA5114FCZZ	AU	FG		D	Packing cushion (For Europe···Except U,Kingdom)	ｿｺﾊﾟｯｷﾝｸﾞｸｯｼｮﾝ

52 梱包材＆付属品 (Packing materials & Accessories)



FCP01891

53 ﾒｲﾝｺﾝﾄﾛｰﾙ基板 (Main control PWB)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
		Ex.	Ja.					
1	LX−NZ0032FCZZ	AA	DD		C	Push ribet		ﾌﾟｯｼｭﾘﾍﾞｯﾄ
2	PCŌVW0829FCZZ	AC	DJ		C	Battery cover		ﾊﾞｯﾃﾘｰｶﾊﾞｰ
3	PRDAF0047FCZZ	AC	DJ		C	Heat sink (SP425C)		ﾎｳﾈﾂﾊﾞﾝ
4	PRDAF0058FCZZ	AK	EB		C	Main PWB heat sink		ﾒｲﾝｷﾊﾞﾝﾎｳﾈﾂﾊﾞﾝ
5	PSHEG0316FCZZ	AB	DD		C	Insulation spacer B		ｾﾞﾂｴﾝｽﾍﾟｰｻｰ B
6	PSHEP3223FCZZ	AB	DD		C	IC socket protect sheet		ICｿｹｯﾄﾎｺﾞｼｰﾄ
7	PSHEZ3393FCZZ	AC	DJ		C	Insulator sheet		ｾﾞﾂｴﾝｼｰﾄ
8	QCNCW0450FCZZ	AC	DD		C	Connector (10pin)	[CN101]	ｺﾈｸﾀｰ
9	QCNCW0814FCZZ	AH	DX		C	Connector (34pin)	[CN115]	ｺﾈｸﾀｰ
10	QCNCW0885FCZZ	AG	DX		C	Connector (1-171825-2)	[CN114]	ｺﾈｸﾀｰ
11	QCNCW0938FCZZ	AF	DS		C	Connector (26pin)	[CN104,110]	ｺﾈｸﾀｰ
12	QCNCW0939FCZZ	AG	DS		C	Connector (30pin)	[CN103]	ｺﾈｸﾀｰ
13	QCNCW0940FCZZ	AG	DX		C	Connector (34pin)	[CN105,107,112]	ｺﾈｸﾀｰ
14	QCNCW0941FCZZ	AG	DX		C	Connector (40pin)	[CN102,106,108,111,113]	ｺﾈｸﾀｰ
15	QCNCW0942FCZZ	AG	DX		C	Connector (40pin)	[CN109]	ｺﾈｸﾀｰ
16	QSŌCZ2051SC32	AC	DJ		C	IC socket (32pin)		ICｿｹｯﾄ
17	QSŌCZ6428ACZZ	AE	DS		C	IC socket (28pin)		ICｿｹｯﾄ
18	RC−AZ0349FCZ1	AE	DS		C	Capacitor (5.5WV 2200µ F)	[C115]	ｺﾝﾃﾞﾝｻｰ
19	RCRS−0010FCZZ	AK	EB		B	Crystal (9.83MHz)	[X102]	ｸﾘｽﾀﾙ
20	RCRS−0027FCZZ	AF	DS	N	B	Crystal (CST12.2MTW)	[X101]	ｸﾘｽﾀﾙ
21	RMPTC4103QCJB	AD	DJ		B	Block resistor (10KΩ ✕ 4 1/8W ±5%)	[BR103]	ﾌﾞﾛｯｸﾃｲｺｳ
22	RMPTC4472QCJB	AB	DD		B	Block resistor (4.7KΩ ✕ 4 1/8W ±5%)	[BR119]	ﾌﾞﾛｯｸﾃｲｺｳ
23	RMPTC7103QCJB	AB	DD		B	Block resistor (10KΩ ✕ 7 1/8W ±5%)	[BR101,114,115]	ﾌﾞﾛｯｸﾃｲｺｳ
24	RMPTC7222QCJB	AC	DD	N	B	Block resistor (2.2KΩ ✕ 7 1/8W ±5%)	[BR118]	ﾌﾞﾛｯｸﾃｲｺｳ

53 ﾒｲﾝｺﾝﾄﾛｰﾙ基板 (Main control PWB)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
25	RMPTC8103QCJB	AC	DD		B	Block resistor (10KΩ ✕ 8 1/8W ±5%) [BR102,104~109,111~113,116,117,121,122]	ﾌﾞﾛｯｸﾃｲｺｳ
26	RMPTC8104QCJB	AC	DD		B	Block resistor (100KΩ ✕ 8 1/8W ±5%) [BR110,123,124]	ﾌﾞﾛｯｸﾃｲｺｳ
27	RMPTC8472QCJB	AB	DJ		B	Block resistor (4.7KΩ ✕ 8 1/8W ±5%) [BR120]	ﾌﾞﾛｯｸﾃｲｺｳ
28	UBATL0010FCZZ	AG	DS		A	Battery (CR2032) [BT101]	ﾊﾞｯﾃﾘｰ
29	VCCCTV1HH101J	AA	DD		C	Capacitor (50WV 100pF) [C397]	ｺﾝﾃﾞﾝｻｰ
30	VCCCTV1HH220J	AA	DD		C	Capacitor (50WV 22pF) [C261,262]	ｺﾝﾃﾞﾝｻｰ
31	VCEAFU1HN105M	AD	DS		C	Capacitor (50WV 1µF) [C105,106,113,114]	ｺﾝﾃﾞﾝｻｰ
32	VCEAGU1CW476M	AB	DD		C	Capacitor (16WV 47µF) [C102,103,108,110,120]	ｺﾝﾃﾞﾝｻｰ
33	VCEAGA1CW477M	AB	DJ		C	Capacitor (16WV 470µF)	ｺﾝﾃﾞﾝｻｰ
34	VCEAGU1EW477M	AD	DJ		C	Capacitor (25WV 470µF) [C101]	ｺﾝﾃﾞﾝｻｰ
35	VCEAGA1VW106M	AA	DD		C	Capacitor (35WV 10µF) [C116~119,121]	ｺﾝﾃﾞﾝｻｰ
36	VCEAGU1VW476M	AB	DD		C	Capacitor (35WV 47µF) [C109,122]	ｺﾝﾃﾞﾝｻｰ
37	VCEAGU1VW477M	AD	DJ		C	Capacitor (35WV 470µF) [C104,112]	ｺﾝﾃﾞﾝｻｰ
38	VCEAGU1VW108M	AE	DX		C	Capacitor (35WV 1000µF) [C111]	ｺﾝﾃﾞﾝｻｰ
39	VCKYTQ1HF104Z	AA	DD		C	Capacitor (50WV 0.10µF) [C216,220,221,281,282]	ｺﾝﾃﾞﾝｻｰ
40	VCKYTV1HB102K	AA	DD		C	Capacitor (50WV 1000pF) [C202,203,205,207,209,225,226, 228~230,232,233,242~249,251~258,264~271,274,276,279,280, 283~290,292~299,302~309]	ｺﾝﾃﾞﾝｻｰ
	VCKYTV1HB102K	AA	DD		C	Capacitor (50WV 1000pF) [C312~318,321,323~330,333~340, 342~349,360~367,369~376,378~385,387~394,400~407,409,414,415]	ｺﾝﾃﾞﾝｻｰ
41	VCKYTV1HB223K	AA	DD		C	Capacitor (50WV 0.022µF) [C201,204,206,208,210~215,217~219, 222~224,227,231,234~241,250,259,260,263,272,273,275,277, 278,291,300,301,310,311,319]	ｺﾝﾃﾞﾝｻｰ
	VCKYTV1HB223K	AA	DD		C	Capacitor (50WV 0.022µF) [C320,322,331,332,341,350~357,359, 368,377,386,395,396,398,399,408,411~412]	ｺﾝﾃﾞﾝｻｰ
42	VCKYTV1HB332K	AA	DD		C	Capacitor (50WV 3300pF) [C358]	ｺﾝﾃﾞﾝｻｰ
43	VCQYNU1HM103K	AA	DD		C	Capacitor (50WV 0.010µF) [C107]	ｺﾝﾃﾞﾝｻｰ
44	VHDDAN202K／－1	AB	DD		B	Diode (DAN202K) [D203,210,218~222,233,240~242]	ﾀﾞｲｵｰﾄﾞ
45	VHDDAN217／／－1	AC	DD		B	Diode (DAN217) [D217,224]	ﾀﾞｲｵｰﾄﾞ
46	VHDDAP202K／－1	AB	DD		B	Diode (DAP202K) [D205~209,211~216,225,229~232,234~237,239,243,244]	ﾀﾞｲｵｰﾄﾞ
47	VHDDSM1D1／／－U	AB	DJ		B	Diode (DSM1D1) [D101~107,116~119]	ﾀﾞｲｵｰﾄﾞ
48	VHDDSS133／／－1	AA	DD		B	Diode (DSS133) [D112~115]	ﾀﾞｲｵｰﾄﾞ
49	VHDEK04／／／／－1	AD	DJ		B	Diode (EK04) [D108~111]	ﾀﾞｲｵｰﾄﾞ
50	VHDMA704A／／－1	AC	DJ		B	Diode (MA704A) [D201,202,204,223,226~228]	ﾀﾞｲｵｰﾄﾞ
51	VHEHZ6A1／／／－1	AB	DD		B	Zener diode (HZ6A1) [ZD101,102]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
52	VHERD22FB／／－1	AD	DJ		B	Zener diode (RD22FB) [ZD105,106,108]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
53	VHERD4.3EL3－1	AB	DD		B	Zener diode (RD4.3EL3) [ZD103,104]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
54	VHERD56FB／／－1	AD	DJ		B	Zener diode (RD56FB) [ZD107]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
55	VHiAT28C64B－1	AZ	FQ		B	IC (AT28C64B) [IC124]	IC
56	VHiFH45560／－1	BA	FX	N	B	IC (FH45560) [IC109]	IC
57	VHiHD8－570L03	BG	GX		B	IC (HD8-570L03) [IC115]	IC
58	VHiLC3564SM10	AS	EZ		B	IC (LC3564SM10) [IC208]	IC
59	VHiLM339NS／－1	AD	DD		B	IC (LM339NS) [IC203]	IC
60	VHiLM358PS／－S	AC	DJ		B	IC (LM358PS) [IC201,209,213,232]	IC
61	VHiLM393PS／－S	AC	DJ		B	IC (LM393PS) [IC202]	IC
62	VHiM54534FP－1	AH	DX		B	IC (M54534FP) [IC237]	IC
63	VHiM66500FP－1	AT	FQ		B	IC (M66500FP) [IC114,119,120]	IC
64	VHiSMA4031／－1	AL	EG		B	IC (SMA4031) [IC128]	IC
65	VHiSN74HC00NS	AC	DD		B	IC (SN74HC00NS) [IC225]	IC
66	VHiSN74HC138S	AE	DJ		B	IC (SN74HC138S) [IC215]	IC
67	VHiSN74HC139S	AF	DS		B	IC (SN74HC139S) [IC210]	IC
68	VHiSN74HC14NS	AE	DJ		B	IC (SN74HC14NS) [IC220,223,234,235]	IC
69	VHiSN74HC241S	AH	DX		B	IC (SN74HC241S) [IC227]	IC
70	VHiSN74HC32NS	AK	EB		B	IC (SN74HC32NS) [IC224]	IC
71	VHiSN74HC86NS	AD	DJ		B	IC (SN74HC86NS) [IC205]	IC
72	VHiSN74LS04NS	AF	DS		B	IC (SN74LS04) [IC233]	IC
73	VHiSN74LS123N	AL	EG		B	IC (SN74LS123N) [IC204]	IC
74	VHiSTA401A／－1	AP	EQ		B	IC (STA401A) [IC112,125,130]	IC
75	VHiSTA408A／－1	AM	EG		B	IC (STA408A) [IC127,136]	IC
76	VHiSTA457C／－1	AH	DX		B	IC (STA457C) [IC101,102,121,122]	IC
77	VHiTA7291S／－1	AF	DS		B	IC (TA7291S) [IC113,116~118,126]	IC
78	VHiTA8425H／－1	AZ	FX		B	IC (TA8425H) [IC135]	IC
79	VHiTC4052BF－F	AF	DS		B	IC (TC4052BF) [IC207]	IC
80	VHiTC74HC253F	AG	DX	N	B	IC (TC74HC253F) [IC211,212,216~219,221,222,228~231]	IC
81	VHiTD62504F－1	AF	DS		B	IC (TD62504F) [IC206,214,226,236]	IC
82	VHiULN2003AN1	AE	DJ		B	IC (ULN2003AN1) [IC103,104,110,111,129,131~134]	IC
83	VHiU78M05AHF1	AF	DX		B	IC (U78M05AHF1) [IC105]	IC
84	VHiU78M10AHF1	AG	DX	N	B	IC (U78M10AHF1) [IC106]	IC
85	VHi27C02040FC	BC	GD	N	B	IC (27C02040FC) [IC123]	IC
86	VHi71054GB3B4	AP	EQ		B	IC (UPD71054GB-3B4) [IC107,108]	IC
87	VHPSLR322VC3F	AC	DJ		B	LED (SLR322VC3F) [LED101]	LED
88	VRD－HT2EY221J	AA	DD		C	Resistor (1/4W 220Ω ±-5%) [R101~105]	ﾃｲｺｳ
89	VRD－HT2EY471J	AA	DD		C	Resistor (1/4W 470Ω ±5%) [R110~112]	ﾃｲｺｳ
90	VRD－HT2HY471J	AA	DD		C	Resistor (1/2W 470Ω ±5%) [R106,107,129,130]	ﾃｲｺｳ
91	VRNHT2EK1102F	AA	DD		C	Resistor (1/4W 11KΩ ±1%) [R121,122]	ﾃｲｺｳ
92	VRNHT2EK1502F	AA	DD		C	Resistor (1/4W 15KΩ ±1%) [R127,128]	ﾃｲｺｳ
93	VRNHT2EK3900F	AA	DD		C	Resistor (1/4W 390Ω ±1%) [R115]	ﾃｲｺｳ
94	VRNHT2EK4700F	AA	DD		C	Resistor (1/4W 470Ω ±1%) [R114]	ﾃｲｺｳ

53 ﾒｲﾝｺﾝﾄﾛｰﾙ基板 (Main control PWB)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
95	VRNHT2EK4701F	AA	DD		C	Resistor (1/4W 4.7KΩ ±1%) [R119,120] ﾃｲｺｳ
96	VRNHT2EK5100F	AA	DD		C	Resistor (1/4W 510Ω ±1%) [R118] ﾃｲｺｳ
97	VRNHT2EK5102F	AA	DD		C	Resistor (1/4W 51KΩ ±1%) [R123,124] ﾃｲｺｳ
98	VRNHT2EK5600F	AB	DD		C	Resistor (1/4W 560Ω ±1%) [R113] ﾃｲｺｳ
99	VRNHT2EK6200F	AB	DD		C	Resistor (1/4W 620Ω ±1%) [R117] ﾃｲｺｳ
100	VRNHT2EK6201F	AA	DD		C	Resistor (1/4W 6.2KΩ ±1%) [R125,126] ﾃｲｺｳ
101	VRNHT2EK7500F	AA	DD		C	Resistor (1/4W 750Ω ±1%) [R116] ﾃｲｺｳ
102	VRS-HT3DAR82J	AC	DD		C	Resistor (2W 0.82Ω ±5%) [R131,132] ﾃｲｺｳ
103	VRS-RE3HG240J	AE	DS		C	Resistor (5W 24Ω ±5%) [R108,109] ﾃｲｺｳ
104	VRS-TS2AD101J	AA	DD		C	Resistor (1/10W 100Ω ±5%) [R225,244,383,387] ﾃｲｺｳ
105	VRS-TS2AD102F	AA	DD		C	Resistor (1/10W 1KΩ ±1%) [R208,263,281] ﾃｲｺｳ
106	VRS-TS2AD102J	AA	DD		C	Resistor (1/10W 1.0KΩ ±5%) [R201,203,234,235,237,238,247,248, 250,251,266~269,274,287,288,308,309,312,313,315,316, 319,320,374] ﾃｲｺｳ
107	VRS-TS2AD103F	AA	DD		C	Resistor (1/10W 10KΩ ±1%) [R265,282] ﾃｲｺｳ
108	VRS-TS2AD103J	AA	DD		C	Resistor (1/10W 10KΩ ±5%) [R202,204,206,207,210,220,223, 227~229,231,232,236,241,242,245,249,254,256,276,285, 286,289~297,307,311,314,318,321~324] ﾃｲｺｳ
	VRS-TS2AD103J	AA	DD		C	Resistor (1/10W 10KΩ ±5%) [R332~335,346,347,350,351,361] ﾃｲｺｳ
109	VRS-TS2AD104F	AA	DD		C	Resistor (1/10W 100KΩ ±1%) [R272] ﾃｲｺｳ
110	VRS-TS2AD104J	AA	DD		C	Resistor (1/10W 100KΩ ±5%) [R253,255,259] ﾃｲｺｳ
111	VRS-TS2AD122F	AA	DD		C	Resistor (1/10W 1.2KΩ ±1%) [R381,385] ﾃｲｺｳ
112	VRS-TS2AD122J	AA	DD		C	Resistor (1/10W 1.2KΩ ±5%) [R239,240,261,262,298,299,303~306, 328~331,339~341,352~358,363,364,375~378,390,391] ﾃｲｺｳ
113	VRS-TS2AD123F	AA	DD		C	Resistor (1/10W 12KΩ ±1%) [R219] ﾃｲｺｳ
114	VRS-TS2AD133F	AA	DD		C	Resistor (1/10W 13KΩ ±1%) [R382] ﾃｲｺｳ
115	VRS-TS2AD134F	AA	DD		C	Resistor (1/10W 130KΩ ±1%) [R230] ﾃｲｺｳ
116	VRS-TS2AD152F	AA	DD		C	Resistor (1/10W 1.5KΩ ±1%) [R218] ﾃｲｺｳ
117	VRS-TS2AD152J	AA	DD		C	Resistor (1/10W 1.5KΩ ±5%) [R379] ﾃｲｺｳ
118	VRS-TS2AD153F	AA	DD		C	Resistor (1/10W 15KΩ ±1%) [R257,260] ﾃｲｺｳ
119	VRS-TS2AD203J	AA	DD		C	Resistor (1/10W 20KΩ ±5%) [R221] ﾃｲｺｳ
120	VRS-TS2AD222J	AA	DD		C	Resistor (1/10W 2.2KΩ ±5%) [R277,360,362,388] ﾃｲｺｳ
121	VRS-TS2AD224J	AA	DD		C	Resistor (1/10W 220KΩ ±5%) [R211] ﾃｲｺｳ
122	VRS-TS2AD242F	AB	DD		C	Resistor (1/10W 2.4KΩ ±1%) [R284] ﾃｲｺｳ
123	VRS-TS2AD305J	AA	DD		C	Resistor (1/10W 3.0MΩ ±5%) [R205] ﾃｲｺｳ
124	VRS-TS2AD332F	AA	DD		C	Resistor (1/10W 3.3KΩ ±1%) [R278] ﾃｲｺｳ
125	VRS-TS2AD334F	AA	DD		C	Resistor (1/10W 330KΩ ±1%) [R252,258] ﾃｲｺｳ
126	VRS-TS2AD362J	AA	DD		C	Resistor (1/10W 3.6KΩ ±5%) [R366,367,370,371] ﾃｲｺｳ
127	VRS-TS2AD392F	AA	DD		C	Resistor (1/10W 3.9KΩ ±1%) [R380,384] ﾃｲｺｳ
128	VRS-TS2AD392J	AA	DD		C	Resistor (1/10W 3.9KΩ ±5%) [R233,246,310,317] ﾃｲｺｳ
129	VRS-TS2AD393F	AA	DD		C	Resistor (1/10W 39KΩ ±1%) [R226] ﾃｲｺｳ
130	VRS-TS2AD393J	AA	DD		C	Resistor (1/10W 39KΩ ±5%) [R243] ﾃｲｺｳ
131	VRS-TS2AD470J	AA	DD		C	Resistor (1/10W 47Ω ±5%) [R342] ﾃｲｺｳ
132	VRS-TS2AD472F	AA	DD		C	Resistor (1/10W 4.7KΩ ±1%) [R222,224] ﾃｲｺｳ
133	VRS-TS2AD472J	AA	DD		C	Resistor (1/10W 4.7KΩ ±5%) [R275,301,302,336~338,344,345] ﾃｲｺｳ
134	VRS-TS2AD473F	AA	DD		C	Resistor (1/10W 47KΩ ±1%) [R212,283] ﾃｲｺｳ
135	VRS-TS2AD473J	AA	DD		C	Resistor (1/10W 47KΩ ±5%) [R214~216,300,326,327,343,348,349,359,365,368,369,372,373] ﾃｲｺｳ
136	VRS-TS2AD511F	AA	DD		C	Resistor (1/10W 510Ω ±1%) [R386] ﾃｲｺｳ
137	VRS-TS2AD511J	AA	DD		C	Resistor (1/10W 510Ω ±5%) [R325] ﾃｲｺｳ
138	VRS-TS2AD560J	AA	DD		C	Resistor (1/10W 56Ω ±5%) [R273] ﾃｲｺｳ
139	VRS-TS2AD562F	AA	DD		C	Resistor (1/10W 5.6KΩ ±1%) [R213] ﾃｲｺｳ
140	VRS-TS2AD563J	AA	DD		C	Resistor (1/10W 56KΩ ±5%) [R264,280] ﾃｲｺｳ
141	VRS-TS2AD623F	AA	DD		C	Resistor (1/10W 62KΩ ±1%) [R271] ﾃｲｺｳ
142	VRS-TS2AD822F	AA	DD		C	Resistor (1/10W 8.2KΩ ±1%) [R279] ﾃｲｺｳ
143	VRS-TS2AD823F	AA	DD		C	Resistor (1/10W 82KΩ ±1%) [R209] ﾃｲｺｳ
144	VRS-TS2AD911J	AA	DD		C	Resistor (1/10W 910Ω ±5%) [R217] ﾃｲｺｳ
145	VRS-TS2AD913F	AA	DD		C	Resistor (1/10W 91KΩ ±1%) [R270] ﾃｲｺｳ
146	VSDTA143EK／-1	AB	DD		B	Transistor (DTA143EK) [Q206,207,209,212~215,219~221] ﾄﾗﾝｼﾞｽﾀｰ
147	VSDTC114EK／-1	AB	DD		B	Transistor (DTC114EK) [Q201~205,210,216~218] ﾄﾗﾝｼﾞｽﾀｰ
148	VSDTC144GKA-1	AC	DJ	N	B	Transistor (DTC144GKA) [Q211] ﾄﾗﾝｼﾞｽﾀｰ
149	VS2SC2412K／-1	AB	DD		B	Transistor (2SC2412K) [Q222,223] ﾄﾗﾝｼﾞｽﾀｰ
150	VS2SD1383KB-1	AC	DJ		B	Transistor (2SD1383KB) [Q208] ﾄﾗﾝｼﾞｽﾀｰ
151	XBPSD30P08K00	AA	DD		C	Screw (3 × 8K) ﾋﾞｽ
152	XBPSD30P12KS0	AA	DD		C	Screw (3 × 12KS) ﾋﾞｽ
	ﾕﾆｯﾄ (Unit)					
901	CPWBN1199FC51	CL	UT	N	E	Main PWB ﾒｲﾝｷﾊﾞﾝ

54 操作ｷｰ基板1 (Operation key PWB 1)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	DHAi-2184FCZZ	AE	DS		C	OP control harness [CN450] OP ｺﾝﾄﾛｰﾙﾊｰﾈｽ
2	QCNCW0840FCZZ	AG	DX		C	Connector (15pin) [CN451] ｺﾈｸﾀｰ
3	QSW-P0460FCZZ	AC	DJ		B	Push switch (SKHVPD) ﾌﾟｯｼｭｽｲｯﾁ
4	QSW-P0467FCZZ	AF	DS		B	Push switch (SKQEAB) ﾌﾟｯｼｭｽｲｯﾁ
5	RCRS-0007FCZZ	AD	DJ		B	Crystal (CSB480EB) [X450] ｸﾘｽﾀﾙ

54 操作ｷｰ基板１ (Operation key PWB 1)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
		Ex.	Ja.					
6	RMPTC4102QCJB	AB	DD		B	Block resistor (1.0KΩ ✕ 4 1/8W ±5%)	[BR450]	ﾌﾞﾛｯｸﾃｲｺｳ
7	VCEAGU1AW476M	AA	DD		C	Capacitor (10WV 47µ F)	[C458]	ｺﾝﾃﾞﾝｻｰ
8	VCKYTV1HB101K	AA	DD		C	Capacitor (50WV 100pF)	[C451,452,454~457]	ｺﾝﾃﾞﾝｻｰ
9	VCKYTV1HB223K	AA	DD		C	Capacitor (50WV 0.022µ F)	[C450,453]	ｺﾝﾃﾞﾝｻｰ
10	VHiLR3717M／－1	AH	DX		B	IC (LR3717M)	[IC450]	IC
11	VHiM66313FP－1	AN	EQ		B	IC (M66313FP)	[IC451]	IC
12	VHPLB603MF／－1	AQ	EQ		B	LED (LB603MF)		LED
13	VHPLD603MG／－1	AE	DS		B	LED (LD603MG)		LED
14	VHPSLR322MC3F	AC	DJ		B	LED (SLR322MC3F)		LED
15	VRS－TP2BD000J	AA	DD		C	Resistor (1/8W 0Ω ±5%)		ﾃｲｺｳ
16	VRS－TP2BD101J	AA	DD		C	Resistor (1/8W 100Ω ±5%)	[R450~463,469]	ﾃｲｺｳ
17	VRS－TP2BD102J	AA	DD		C	Resistor (1/8W 1.0KΩ ±5%)	[R480~482]	ﾃｲｺｳ
18	VRS－TP2BD121J	AA	DD		C	Resistor (1/8W 120Ω ±5%)	[R464~466,468,470~472]	ﾃｲｺｳ
19	VRS－TP2BD152J	AA	DD		C	Resistor (1/8W 1.5KΩ ±5%)	[R476~479]	ﾃｲｺｳ
20	VRS－TP2BD200J	AA	DD		C	Resistor (1/8W 20Ω ±5%)		ﾃｲｺｳ
21	VRS－TP2BD331J	AB	DD		C	Resistor (1/8W 330Ω ±5%)	[R473~475]	ﾃｲｺｳ
22	VSDTC123YK／－1	AB	DJ		B	Transistor (DTC123YK)		ﾄﾗﾝｼﾞｽﾀｰ
23	VS2SB1295－／－1	AB	DD		B	Transistor (2SB1295)	[Q451~453]	ﾄﾗﾝｼﾞｽﾀｰ
	ﾕﾆｯﾄ (Unit)							
901	CPWBF0980FC51	BM	LE		E	Operation PWB 1		ｿｳｻｷﾊﾞﾝ1

55 操作ｺﾝﾄﾛｰﾙ基板 (Operation control PWB)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
		Ex.	Ja.					
1	QCNCM5084BC1B	AE	DJ		C	Connector (12pin)	[CN501]	ｺﾈｸﾀｰ
2	QCNCM7002GC0C	AD	DJ	N	C	Connector (3in)	[CN406]	ｺﾈｸﾀｰ
3	QCNCW0386FCZZ	AC	DJ		C	Connector (8pin)	[CN404]	ｺﾈｸﾀｰ
4	QCNCW0390FCZZ	AE	DS		C	Connector (16pin)	[CN405]	ｺﾈｸﾀｰ
5	QCNCW0391FCZZ	AC	DD		C	Connector (18pin)	[CN401]	ｺﾈｸﾀｰ
6	QCNCW0398FCZZ	AB	DD		C	Connector (3pin)	[CN402]	ｺﾈｸﾀｰ
7	QCNCW5090BC1J	AE	DJ		C	Connector (10pin)	[CN403]	ｺﾈｸﾀｰ
8	QSŌCZ2051SC32	AC	DJ		C	IC socket (32pin)	[IC402,410]	ICｿｹｯﾄ
9	QSŌCZ6428ACZZ	AE	DS		C	IC socket (28pin)	[IC407]	ICｿｹｯﾄ
10	RCRS－0018FCZZ	AE	DS		B	Crystal (CSA4.0MG011)	[X401]	ｸﾘｽﾀﾙ
11	RCRS－0019FCZZ	AF	DS		B	Crystal (CST9.83MTW)	[X400]	ｸﾘｽﾀﾙ
12	RR－TZ1010ACZZ	AE	DS		C	Resistor (10KΩ ✕ 8)	[BR500~522,524]	ﾃｲｺｳ
13	RR－TZ8472ACZZ	AD	DJ		C	Resistor (0.063W)	[BR523]	ﾃｲｺｳ
14	RVR－M1100QCZZ	AD	DS		B	Variable resistor (TM8KV2 10KΩ)	[VR400]	ﾎﾞﾘｳﾑ
15	VCCCTV1HH221J	AA	DD		C	Capacitor (50WV 220pF)	[C507~513]	ｺﾝﾃﾞﾝｻｰ
16	VCEAGU1AW476M	AA	DD		C	Capacitor (10WV 47µ F)	[C404,406,408]	ｺﾝﾃﾞﾝｻｰ
17	VCEAGA1AW477M	AB	DD		C	Capacitor (10WV 470µ F)	[C412]	ｺﾝﾃﾞﾝｻｰ
18	VCEAGU1CW476M	AB	DD		C	Capacitor (16WV 47µ F)	[C407]	ｺﾝﾃﾞﾝｻｰ
19	VCEAGA1CW477M	AB	DJ		C	Capacitor (16WV 470µ F)	[C411]	ｺﾝﾃﾞﾝｻｰ
20	VCEAGU1HW334M	AA	DD		C	Capacitor (50WV 0.33µ F)	[C403,405]	ｺﾝﾃﾞﾝｻｰ
21	VCEAGU1HW335M	AA	DD		C	Capacitor (50WV 3.3µ F)	[C401]	ｺﾝﾃﾞﾝｻｰ
22	VCEAGU1VW107M	AB	DD		C	Capacitor (35WV 100µ F)	[C409]	ｺﾝﾃﾞﾝｻｰ
23	VCEAGU1VW476M	AB	DD		C	Capacitor (35WV 47µ F)	[C400]	ｺﾝﾃﾞﾝｻｰ
24	VCEAGU1VW477M	AD	DJ		C	Capacitor (35WV 470µ F)	[C410]	ｺﾝﾃﾞﾝｻｰ
25	VCKYTV1HB102K	AA	DD		C	Capacitor (50WV 1000pF)	[C501,503,542,550,551]	ｺﾝﾃﾞﾝｻｰ
26	VCKYTV1HB222K	AA	DD		C	Capacitor (50WV 2200pF)	[C552]	ｺﾝﾃﾞﾝｻｰ
27	VCKYTV1HB223K	AA	DD		C	Capacitor (50WV 0.022µ F)	[C500,502,504~506,514~541,545~549,553~556]	ｺﾝﾃﾞﾝｻｰ
28	VCKYTV1HB681K	AA	DD		C	Capacitor (50WV 680pF)	[C543,544]	ｺﾝﾃﾞﾝｻｰ
29	VCQYNU1HM103K	AA	DD		C	Capacitor (50WV 0.010µ F)	[C402]	ｺﾝﾃﾞﾝｻｰ
30	VHDDAN217／／－1	AC	DD		B	Diode (DAN217)	[D500,501]	ﾀﾞｲｵｰﾄﾞ
31	VHDDAP202K／－1	AB	DD		B	Diode (DAP202K)	[D503]	ﾀﾞｲｵｰﾄﾞ
32	VHDDSM1D1／／－U	AB	DJ		B	Diode (DSM1D1)	[D400,401]	ﾀﾞｲｵｰﾄﾞ
33	VHDRLS73／／／－1	AA	DD		B	Diode (RLS73)	[D502]	ﾀﾞｲｵｰﾄﾞ
34	VHH8KD5／／／／－1	AC	DD		B	Thermistor (8KD5)	[TH400]	ｻｰﾐｽﾀ
35	VHiHD64646F－1	AV	FX		B	IC (HD64646F)	[IC421]	IC
36	VHiLC3564SM10	AS	EZ		B	IC (LC3564SM10)	[IC418~420]	IC
37	VHiLH531GP5－1	AR	EZ		B	IC (LH531GP5)	[IC411]	IC
38	VHiLM339NS／－1	AD	DD		B	IC (LM339NS)	[IC400]	IC
39	VHiNJM78L05A1	AD	DJ		B	IC (NJM78L05A1)	[IC428]	IC
40	VHiSN74HC244S	AF	DS		B	IC (SN74HC244S)	[IC405]	IC
41	VHiSN74LS02NS	AF	DS		B	IC (SN74LS02NS)	[IC404]	IC
42	VHiSN74LS04NS	AF	DS		B	IC (SN74LS04)	[IC427]	IC
43	VHiSN74LS08NS	AF	DS		B	IC (SN74LS08NS)	[IC412]	IC
44	VHiSN74LS138N	AG	EQ		B	IC (SN74LS138N)	[IC424]	IC
45	VHiSN74LS244N	AS	FG		B	IC (SN74LS244N)	[IC500~507]	IC
46	VHiSN74LS273N	AQ	EZ		B	IC (SN74LS273N)	[IC408,414~416,422,423]	IC
47	VHiSN74LS32NS	AF	DS		B	IC (SN74LS32NS)	[IC413,417]	IC
48	VHiSN74LS373N	AL	EG		B	IC (SN74LS373N)	[IC403]	IC
49	VHiSN74LS74NS	AD	DJ		B	IC (SN74LS74NS)	[IC406,409]	IC
50	VHiTD62504F－1	AF	DS		B	IC (TD62504F)	[IC401,426,430]	IC
51	VHiUPA2003GR／	AF	DS		B	IC (UPA2003GR)	[IC429]	IC

55 操作ｺﾝﾄﾛｰﾙ基板 (Operation control PWB)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
		Ex.	Ja.					
52	VHiUPD78217-1	BA	GD		B	IC (UPD78217)	[IC425]	IC
53	VHi27C01072FC	AY	FQ	N	B	Data ROM (Japanese) (27C01072FC)	[IC402]	ﾃﾞｰﾀROM (ﾆﾎﾝｺﾞ)
	VHi27C01074FC	AY	FQ	N	B	Data ROM (German) (27C01074FC)	[IC402]	ﾃﾞｰﾀROM (ﾄﾞｲﾂｺﾞ)
	VHi27C01075FC	AY	FQ	N	B	Data ROM (French) (27C01075FC)	[IC402]	ﾃﾞｰﾀROM (ﾌﾗﾝｽｺﾞ)
	VHi27C01076FC	AY	FQ	N	B	Data ROM (Spanish) (27C01076FC)	[IC402]	ﾃﾞｰﾀROM (ｽﾍﾟｲﾝｺﾞ)
	VHi27C01073FC	AY	FQ	N	B	Data ROM (English) (27C01073FC)	[IC402]	ﾃﾞｰﾀROM (ｴｲｺﾞ)
54	VHi27C04007FC	BD	GJ	N	B	ROM (27C04007FC)	[IC410]	ｶﾞｲｼﾞ ROM
55	VHi27C51295FC	AX	FG	N	B	Program ROM (27C51295FC)	[IC407]	ﾌﾟﾛｸﾞﾗﾑROM
56	VRD-RC2EY161J	AA	DD		C	Resistor (1/4W 160Ω ±5%)	[R404]	ﾃｲｺｳ
57	VRD-RC2EY201J	AA	DD		C	Resistor (1/4W 200Ω ±5%)	[R400]	ﾃｲｺｳ
58	VRD-RC2EY472J	AA	DD		C	Resistor (1/4W 4.7KΩ ±5%)	[R405]	ﾃｲｺｳ
59	VRD-RC2EY560J	AA	DD		C	Resistor (1/4W 56Ω ±5%)	[R401]	ﾃｲｺｳ
60	VRNRC2EK6201F	AA	DD		C	Resistor (1/4W 6.20KΩ ±1%)	[R513]	ﾃｲｺｳ
61	VRS-HT3AA911J	AA	DD		C	Resistor (1W 910Ω ±5%)	[R402,403]	ﾃｲｺｳ
62	VRS-TS2AD102J	AA	DD		C	Resistor (1/10W 1.0KΩ ±5%)	[R542]	ﾃｲｺｳ
63	VRS-TS2AD103J	AA	DD		C	Resistor (1/10W 10KΩ ±5%)	[R500,501,505,506,508~510,515,518, 520,524~530,532~535,538~540]	ﾃｲｺｳ
64	VRS-TS2AD151J	AA	DD		C	Resistor (1/10W 150Ω ±5%)	[R503,511]	ﾃｲｺｳ
65	VRS-TS2AD202F	AA	DD		C	Resistor (1/10W 2.0KΩ ±1%)	[R521]	ﾃｲｺｳ
66	VRS-TS2AD203J	AA	DD		C	Resistor (1/10W 20KΩ ±5%)	[R545,547]	ﾃｲｺｳ
67	VRS-TS2AD223F	AA	DD		C	Resistor (1/10W 22KΩ ±1%)	[R512,522]	ﾃｲｺｳ
68	VRS-TS2AD242J	AA	DD		C	Resistor (1/10W 2.4KΩ ±5%)	[R544]	ﾃｲｺｳ
69	VRS-TS2AD243J	AA	DD		C	Resistor (1/10W 24KΩ ±5%)	[R543]	ﾃｲｺｳ
70	VRS-TS2AD272J	AA	DD		C	Resistor (1/10W 2.7KΩ ±5%)	[R536,537,546,548]	ﾃｲｺｳ
71	VRS-TS2AD331J	AA	DD		C	Resistor (1/10W 330Ω ±5%)	[R531]	ﾃｲｺｳ
72	VRS-TS2AD472J	AA	DD		C	Resistor (1/10W 4.7KΩ ±5%)	[R514,516,517,523,541,549]	ﾃｲｺｳ
73	VRS-TS2AD561F	AB	DD		C	Resistor (1/10W 560Ω ±5%)	[R519]	ﾃｲｺｳ
74	VRS-TS2AD624J	AA	DD		C	Resistor (1/10W 620KΩ ±5%)	[R502]	ﾃｲｺｳ
75	VRS-TS2AD752J	AA	DD		C	Resistor (1/10W 7.5KΩ ±5%)	[R504,507]	ﾃｲｺｳ
76	VSDTA144GK/-1	AB	DJ		B	Transistor (DTA144GK)	[Q500]	ﾄﾗﾝｼﾞｽﾀｰ
77	VS2SB1295-/-1	AB	DD		B	Transistor (2SB1295)	[Q501]	ﾄﾗﾝｼﾞｽﾀｰ
78	VS2SD1625-/-1	AA	DJ		B	Transistor (2SD1625)	[Q502,503]	ﾄﾗﾝｼﾞｽﾀｰ
79	VS2SD592A//-1	AE	DJ		B	Transistor (2SD592A)	[Q400,401]	ﾄﾗﾝｼﾞｽﾀｰ
	ﾕﾆｯﾄ (Unit)							
901	CPWBN1200FC51	CA	TV	N	E	Operation control PWB (Japanese) (Japan only)		ｿｳｻｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ﾆﾎﾝｺﾞ)
	CPWBN1200FC52	CA	TV	N	E	Operation control PWB (English) (U.S.A.,CANADA,Indonesia, Saudi Arabia,Brazil,Taiwan)		ｿｳｻｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ｴｲｺﾞ)
	CPWBN1224FC52	CA	TR	N	E	Operation control PWB (German) (German only)		ｿｳｻｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ﾄﾞｲﾂｺﾞ)
	CPWBN1200FC54	CA	TV	N	E	Operation control PWB (French) (Tunisia,Morocco,Algeria,West Africa)		ｿｳｻｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ﾌﾗﾝｽｺﾞ)
	CPWBN1200FC55	CA	TV	N	E	Operation control PWB (Spanish) (Dominica,Central America, Costa Rica,Colombia,Venezuela,Ecuador,Paraguay,Argentine, Chile,Uruguay,Peru)		ｿｳｻｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ｽﾍﾟｲﾝｺﾞ)
	CPWBN1224FC51	CA	TR	N	E	Operation control PWB (English) (For Europe,Australia,Other countries)		ｿｳｻｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ｴｲｺﾞ)

56 ﾌﾟﾛｾｽｺﾝﾄﾛｰﾙ基板 (Process control PWB)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
		Ex.	Ja.					
1	DHAi-2182FCZZ	AK	EB		C	Drum heater harness (100V series)	[CN2]	ﾄﾞﾗﾑﾋｰﾀｰﾊｰﾈｽ
	DHAi-2182FC11	AK	EB		C	Drum heater harness (200V series)	[CN2]	ﾄﾞﾗﾑﾋｰﾀｰﾊｰﾈｽ
2	QCNCM0672FCZZ	AB	DD		C	Connector (2pin)	[CN1]	ｺﾈｸﾀｰ
3	QCNCW0450FCZZ	AC	DD		C	Connector (10pin)	[CN3]	ｺﾈｸﾀｰ
⚠ 4	RMPTA0030FCZZ	AE	DJ		B	CR mix part (AU1201)(100V series)	[CR1]	CRﾌｸｺﾞｳｷ
⚠	RMPTA0021FCZZ	AH	DX		B	CR mix part (XE1201)(200V series)	[CR1]	CRﾌｸｺﾞｳｷ
5	RVR-MD400QCZZ	AE	DS		B	Variable resistor (47KΩ)	[VR4]	ﾎﾞﾘｳﾑ
6	RVR-M1100QCZZ	AD	DS		B	Variable resistor (10KΩ)	[VR1,3]	ﾎﾞﾘｳﾑ
7	RVR-M1514QCZZ	AE	DS		B	Variable resistor (100KΩ)	[VR2]	ﾎﾞﾘｳﾑ
8	VCKYPU1HF223Z	AA	DD		C	Capacitor (50WV 0.022µF)	[C2]	ｺﾝﾃﾞﾝｻｰ
9	VCQYNU1HM104K	AB	DD		C	Capacitor (50WV 0.10µF)	[C1]	ｺﾝﾃﾞﾝｻｰ
10	VHiLM358P//-1	AG	EG		C	IC (LM358P)	[IC1]	IC
⚠ 11	VHSTM341S-L-1	AF	DX		B	Triac (TM341S-L)(100V series)	[TD1]	ﾄﾗｲｱｯｸ
⚠	VHSTM361S-L-1	AF	DX		B	Triac (TM361S-L)(200V series)	[TD1]	ﾄﾗｲｱｯｸ
12	VRD-RC2EY103J	AA	DD		C	Resistor (1/4W 10KΩ ±5%)	[R2,4]	ﾃｲｺｳ
13	VRD-RC2EY681J	AA	DD		C	Resistor (1/4W 680Ω ±5%)	[R3,5]	ﾃｲｺｳ
14	VRS-HT2HA511J	AB	DD		C	Resistor (1/2W 510Ω ±5%)(100V series)	[R1]	ﾃｲｺｳ
	VRS-HT2HA102J	AB	DD		C	Resistor (1/2W 1.0KΩ ±5%)(200V series)	[R1]	ﾃｲｺｳ
15	VRS-HT3AA201G	AB	DD		C	Resistor (1W 200Ω)	[R6]	ﾃｲｺｳ
	ﾕﾆｯﾄ (Unit)							
901	CPWBF0991FC53	AY	FQ		E	Process control PWB (100V series)		ﾌﾟﾛｾｽｺﾝﾄﾛｰﾙｷﾊﾞﾝ
	CPWBF0991FC54	AY	FQ		E	Process control PWB (200V series)		ﾌﾟﾛｾｽｺﾝﾄﾛｰﾙｷﾊﾞﾝ

57 AC回路基板 (AC circuit PWB)

	NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
			Ex.	Ja.					
	1	DHAi-2179FCZZ	AK	EB		C	Triac harness	[T1(WH),T2(BL),G(BR)]	ﾄﾗｲｱｯｸﾊｰﾈｽ
	2	DHAi-2737FCZZ	AE	DS	N	C	Earth harness	[FG]	ｱｰｽﾊｰﾈｽ
	3	PRDAF0047FCZZ	AC	DJ		C	Heat sink (SP425C)	[TD301]	ﾎｳﾈﾂﾊﾞﾝ
	4	PRDAR0056FCZZ	AG	DX		C	Heat sink (PUG46-30)(Japan,100V series)	[TD302]	ﾎｳﾈﾂﾊﾞﾝ
		PRDAR0057FCZZ	AE	DS		C	Heat sink (PUG6-30)(200V series)	[TD302,303,304]	ﾎｳﾈﾂﾊﾞﾝ
	5	QCNCM0672FCZZ	AB	DD		C	Connector (2pin)	[CN302]	ｺﾈｸﾀｰ
	6	QCNCM0895FCZZ	AG	DX		C	Connector (3pin)	[CN306]	ｺﾈｸﾀｰ
	7	QCNCM2190SCZZ	AG	DS		C	Connector (2pin)(Japan,100V series)	[CN303]	ｺﾈｸﾀｰ
		QCNCM0894FCZZ	AD	DJ		C	Connector (2pin)(200V series)	[CN303]	ｺﾈｸﾀｰ
	8	QCNCW0448FCZZ	AB	DD		C	Connector (8pin)(Japan,100V series)	[CN304]	ｺﾈｸﾀｰ
		QCNCW0449FCZZ	AB	DD		C	Connector (9pin)(200V series)	[CN304]	ｺﾈｸﾀｰ
	9	QCNCW0843FCZZ	AC	DJ		C	Connector (2pin)	[CN301(RD)]	ｺﾈｸﾀｰ
	10	QCNCW0857FCZZ	AC	DJ		C	Connector (2pin)(Japan only)	[CN305,310(BL)]	ｺﾈｸﾀｰ
		QCNCW0857FCZZ	AC	DJ		C	Connector (2pin)(Except Japan···100V series)	[CN310(BL)]	ｺﾈｸﾀｰ
		QCNCW0857FCZZ	AC	DJ		C	Connector (2pin)(200V series)	[CN308(BL),310(BL)]	ｺﾈｸﾀｰ
	11	QCNCW0445FCZZ	AA	DD		C	Connector (3pin)(200V series)	[CN309]	ｺﾈｸﾀｰ
⚠	12	QFS-A2700QCZZ	AD	DJ		A	Fuse (20A 125V)(Japan only 15A)	[F301,302]	ﾋｭｰｽﾞ
⚠		QFS-A2700QCZZ	AD	DJ		A	Fuse (20A 125V)(Japan only 20A)	[F301]	ﾋｭｰｽﾞ
⚠		QFS-B3700QCZZ	AG	DS		A	Fuse (20A 250V) (Except Japan···100V series)	[F301]	ﾋｭｰｽﾞ
⚠		QFS-C1500QCZZ	AF	DS		A	Fuse (10A 240V)(200V series)	[F301]	ﾋｭｰｽﾞ
⚠		QFS-D4341CCZZ	AE	DJ		A	Fuse (250V/T1AL)	[F303]	ﾋｭｰｽﾞ
	13	QFSHD0001QCZZ	AA	DD		C	Fuse holder (C2680R-H)(Japan only 15A)	[for F301,302]	ﾋｭｰｽﾞﾎﾙﾀﾞｰ
		QFSHD0027FCZZ	AF	DS	N	C	Fuse holder (Japan only,20A)	[for F301]	ﾋｭｰｽﾞﾎﾙﾀﾞｰ
		QFSHD0001QCZZ	AA	DD		C	Fuse holder (C2680R-H)(Except Japan···100V series)	[for F301]	ﾋｭｰｽﾞﾎﾙﾀﾞｰ
		QFSHD0026FCZZ	AC	DJ		C	Fuse holder (200V series)	[for F301]	ﾋｭｰｽﾞﾎﾙﾀﾞｰ
		QFSHA1002CCZZ	AB	DD		C	Fuse holder (200V series)	[for F303]	ﾋｭｰｽﾞﾎﾙﾀﾞｰ
	14	QTANP0093FCZZ	AB	DD		C	Terminal (Japan,100V series)	[ACL IN(BK),ACN IN(WH),N IN(WH)]	ﾀﾌﾞﾀﾝｼ
		QTANP0193FCZZ	AC	DJ		C	Tab terminal (200V series)	[ACL IN(BK),ACN IN(WH),NIN(WH),LIN(BL),HL L(YL)]	ﾀﾌﾞﾀﾝｼ
	15	RC-QZ0117FCZZ	AD	DJ		C	Capacitor (50WV 0.47μF)(Japan,100V series)	[C305,306]	ｺﾝﾃﾞﾝｻｰ
		VCFYPU1HA474J	AE	DS	N	C	Capacitor (50WV 0.47μF)(200V series)	[C305,306]	ｺﾝﾃﾞﾝｻｰ
	16	RC-QZ0314FCZZ	AH	DX		C	Capacitor (XYE224472)	[C302]	ｺﾝﾃﾞﾝｻｰ
	17	RCiLF0073FCZZ	AX	FG	N	C	Coil (1.5MH 20A)(Japan,100V series)	[L302]	ｺｲﾙ
		RCiLF0076FCZZ	AQ	EQ	N	C	Coil (80MH 10A)(200V series)	[L302,303]	ｺｲﾙ
	18	RCiLF0074FCZZ	AH	DX	N	C	Coil (100MH 3A)(Japan,100V series)	[L304]	ｺｲﾙ
		RCiLF0043FCZ1	AL	EG		C	Chork coil (7MH 1.5A)(200V series)	[L304]	ﾁｮｰｸｺｲﾙ
	19	RCiLF0075FCZZ	AQ	EQ	N	C	Coil (1MH 10A)(200V series)	[L301]	ｺｲﾙ
	20	RH-DZ0019FCZZ	AG	DX		B	Diode (DSA-242MA)(Japan,100V series)	[A301]	ﾀﾞｲｵｰﾄﾞ
	21	RMPTA0032FCZZ	AF	DS	N	B	CR mix part (AU1201)(Japan,100V series)	[CR302,303,304]	CRﾌｸｺﾞｳｷ
		RMPTA0031FCZZ	AE	DJ		B	CR mix part (ECQ-J0186X)(200V series)	[CR303~307]	CRﾌｸｺﾞｳｷ
	22	RR-WZ0328FCZZ	AD	DJ		C	Resistor (5W 3Ω)(Japan,100V series)	[R301]	ﾃｲｺｳ
	23	RR-XZ0337FCZZ	AC	DJ		C	Fuse resistor (1W 220Ω)(Japan,100V series)	[FR301]	ﾋｭｰｽﾞﾃｲｺｳ
		RR-XZ0338FCZZ	AC	DJ		C	Fuse resistor (1W 820Ω)(200V series)	[FR301]	ﾋｭｰｽﾞﾃｲｺｳ
⚠	24	RRLYD4122QCZZ	AU	FG		B	Relay (JM1AN-TMP-DC24V)(Japan,100V series)	[RY302]	ﾘﾚｰ
⚠		RRLYD6120QCZZ	AP	EQ		B	Relay (G4W-1112P-VD)(200V series)	[RY302]	ﾘﾚｰ
⚠	25	RRLYD4220QCZZ	AP	EQ		B	Relay (G2R-1)(Japan,100V series)	[RY301]	ﾘﾚｰ
⚠		RRLYD3222QCZZ	AL	EB		B	Relay (JQ1-24V)(200V series)	[RY301]	ﾘﾚｰ
	26	VCEAGU1VW107M	AB	DD		C	Capacitor (35WV 100μF)(Japan,100V series)	[C307]	ｺﾝﾃﾞﾝｻｰ
		VCEAGU1VW107M	AB	DD		C	Capacitor (35WV 100μF)(200V series)	[C307,314,315]	ｺﾝﾃﾞﾝｻｰ
	27	VCFYEG2EA224M	AE	DS		C	Capacitor (250WV 0.22μF)(Japan,100V series)	[C301]	ｺﾝﾃﾞﾝｻｰ
		VCFYEG2EA224M	AE	DS		C	Capacitor (250WV 0.22μF)(200V series)	[C301,303]	ｺﾝﾃﾞﾝｻｰ
	28	VCQYNU1HM104K	AB	DD		C	Capacitor (50WV 0.10μF)(Japan,100V series)	[C308~311]	ｺﾝﾃﾞﾝｻｰ
		VCQYNU1HM104K	AB	DD		C	Capacitor (50WV 0.1μF)(200V series)	[C308~313]	ｺﾝﾃﾞﾝｻｰ
	29	VCQYNU1HM223K	AA	DD		C	Capacitor (50WV 0.022μF)(Japan,100V series)	[C304]	ｺﾝﾃﾞﾝｻｰ
		VCQYNU1HM473K	AB	DD		C	Capacitor (50WV 0.047μF)(200V series)	[C304]	ｺﾝﾃﾞﾝｻｰ
	30	VHDDSS133//-1	AA	DD		B	Diode (DSS133)	[D301,302]	ﾀﾞｲｵｰﾄﾞ
	31	VHDS1WBA60S-1	AD	DJ		B	Diode (S1WBA60S)(Japan,100V series)	[RE301]	ﾀﾞｲｵｰﾄﾞ
		VHDS1WBA60S-1	AD	DJ		B	Diode (S1WBA60S)(200V series)	[RE301~303]	ﾀﾞｲｵｰﾄﾞ
	32	VHEHZ302L//-1	AC	DJ	N	B	Zener diode (HZ302L)(200V series)	[ZD301,302]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
	33	VHiSHN002//-1	AU	FQ		B	IC (SHN002)	[HIC]	IC
	34	VHPPC123Y//-1	AE	DJ	N	C	Photo coupler (PC123Y)(200V series)	[PC301,302]	ﾌｫﾄｶﾌﾟﾗｰ
⚠	35	VHRS11MD5V/-1	AF	DS		B	Photo thyristor (S11MD5V)(Japan,100V series)	[SSR301]	ﾌｫﾄｻｲﾘｽﾀｰ
⚠		VHRS21MD3VY-1	AG	DS		B	Photo thyristor (S21MD3VY)(200V series)	[SSR301]	ﾌｫﾄｻｲﾘｽﾀｰ
⚠	36	VHRS21ME4F/-1	AH	DX		B	Photo triac (S21ME4F)(Japan,100V series)	[SSR302,303]	ﾌｫﾄﾄﾗｲｱｯｸ
⚠		VHRS21ME4FY-1	AK	EB		B	Photo thyristor (S21ME4FY)(200V series)	[SSR302~305]	ﾌｫﾄｻｲﾘｽﾀｰ
⚠	37	VHSTM1241S-L/	AK	EB		B	Thyristor (TM1241S-L)(Japan,100V series)	[TD301]	ｻｲﾘｽﾀｰ
⚠		VHSTM1641P-L1	AP	EQ		B	HL triac (TM1641P-L1)(Japan,100V series)	[TD302]	HLﾄﾗｲｱｯｸ
⚠		VHSTM861S-L-1	AH	DX		B	HL triac (TM861S)(200V series)	[TD301,302,303,304]	HLﾄﾗｲｱｯｸ
	38	VRD-HT2HY105J	AA	DD		C	Resistor (1/2W 1.0MΩ ±5%)(Japan,100V series)	[R302]	ﾃｲｺｳ
		VRD-HT2HY474J	AA	DD		C	Resistor (1/2W 470KΩ ±5%)(200V series)	[R302]	ﾃｲｺｳ
	39	VRD-HT2EY223J	AA	DD		C	Resistor (1/4W 22KΩ ±5%)(200V series)	[R323,324]	ﾃｲｺｳ
	40	VRNHT2HK2003F	AC	DJ		C	Resistor (1/2W 200KΩ ±1%)(Japan,100V series)	[R303,304]	ﾃｲｺｳ
		VRNHT2HK4123F	AC	DJ		C	Resistor (1/2W 412KΩ ±1%)(200V series)	[R303,304]	ﾃｲｺｳ
	41	VRS-HT2HA101J	AA	DD		C	Resistor (1/2W 100Ω ±5%)(Japan,100V series)	[R307,309,312]	ﾃｲｺｳ
		VRS-HT2HA101J	AA	DD		C	Resistor (1/2W 100Ω ±5%)(200V series)	[R307,309,312,315,316]	ﾃｲｺｳ
	42	VRS-HT2HA121J	AA	DD		C	Resistor (1/2W 120Ω ±5%)(Japan,100V series)	[R308,310,311]	ﾃｲｺｳ
		VRS-HT2HA201J	AA	DD		C	Resistor (1/2W 200Ω ±5%)(200V series)	[R308,310,311,313,314]	ﾃｲｺｳ
	43	VRS-RE3LA103J	AB	DD		C	Resistor (3W 10KΩ ±5%)(Japan,100V series)	[R305]	ﾃｲｺｳ
		VRS-RE3LA433J	AC	DJ		C	Resistor (3W 43KΩ ±5%)(200V series)	[R305,306]	ﾃｲｺｳ
	44	VRS-HT3AA103J	AA	DD		C	Resistor (1W 10KΩ ±5%)(200V series)	[R317~322]	ﾃｲｺｳ

57 AC回路基板 (AC circuit PWB)

	NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
			Ex.	Ja.					
	45	VS2SC3332-/-1	AE	DJ		B	Transistor (2SC3332)(200V series)	[Q301,302]	ﾄﾗﾝｼﾞｽﾀｰ
	46	XBPSD30P08K00	AA	DD		C	Screw (3 X 8K)(Japan,100V series)	[TD301]	ﾋﾞｽ
		XBPSD30P08K00	AA	DD		C	Screw (3 X 8K)(200V series)	[TD301~304]	ﾋﾞｽ
	47	XBPSD30P10K00	AA	DD		C	Screw (3 X 10K)(Japan,100V series)	[TD302]	ﾋﾞｽ
		ﾕﾆｯﾄ (Unit)							
⚠	901	CPWBF1202FC51	BS	MJ	N	E	AC circuit PWB (Japan only,15A)		ACｶｲﾛｷﾊﾞﾝ(15Aﾖｳ)
⚠		CPWBF1202FC52	BS	MJ	N	E	AC circuit PWB (Japan only,20A)		ACｶｲﾛｷﾊﾞﾝ(20Aﾖｳ)
⚠		CPWBF1202FC53	BS	MJ	N	E	AC circuit PWB (Except Japan···100V series)		ACｶｲﾛｷﾊﾞﾝ
⚠		CPWBF1203FC51	BT	NE	N	E	AC circuit PWB (Except Japan···200V series)		ACｶｲﾛｷﾊﾞﾝ

58 ﾄﾚｲﾓｰﾀｰ基板 (Tray motor PWB)

	NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
			Ex.	Ja.					
⚠	1	QFS-A0331QCZZ	AE	DS		A	Fuse (1.25A 125V)(100V series)	[F2,3]	ﾋｭｰｽﾞ
⚠		QFS-D4341CCZZ	AE	DJ		A	Fuse (1A 250V)(200V series)	[F2,3]	ﾋｭｰｽﾞ
⚠	2	QFS-D0301QCZZ	AE	DJ	N	A	Fuse (2A 125V)(100V series)	[F1]	ﾋｭｰｽﾞ
⚠		QFS-D132BQCZZ	AE	DS	N	A	Fuse (2A 250V)(200V series)	[F1]	ﾋｭｰｽﾞ
		ﾕﾆｯﾄ (Unit)							
	901	CPWBF0998FC53	AS	EQ	N	E	Tray motor PWB (100V series)		ﾄﾚｲﾓｰﾀｰｷﾊﾞﾝ
		CPWBF0998FC54	AS	EQ	N	E	Tray motor PWB (200V series)		ﾄﾚｲﾓｰﾀｰｷﾊﾞﾝ

59 DC電源基板 (DC power supply PWB)

	NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
			Ex.	Ja.					
⚠	1	0FT31294487//	AU	EZ	N	B	Transformer (EXT43300-121B)	[T703]	ﾍﾝｱﾂｷ
⚠	2	0FT31294509//	AU	EZ	N	B	Transformer (EXT42820-458)(100V series)	[T702]	ﾍﾝｱﾂｷ
⚠		0FT31294525//	AU	EZ	N	B	Transformer (EXT42840-518)(200V series)	[T702]	ﾍﾝｱﾂｷ
⚠	3	0FT31294495//	AU	EZ	N	B	Transformer (EXT42820-457A)(100V series)	[T701]	ﾍﾝｱﾂｷ
⚠		0FT31298555//	AU	EZ	N	B	Transformer (EXT42840-565)(200V series)	[T701]	ﾍﾝｱﾂｷ
	4	0FT23649989//	AE	DS	N	C	Fin (APH46400-012-4)	[2]	ﾌｨﾝ
	5	0FT23453561//	AC	DJ	N	C	Screw (3 X 8)	[3]	Bﾀｲﾄﾈｼﾞ
	6	0FT23087638//	AF	DS	N	C	Insulater lock (T30L-HS CX47010-148)	[4]	ｲﾝｼｭﾛｯｸ
	7	0FT23074188//	AK	DX	N	C	EIT tube (EIT-30 AP47030-066)	[5]	EITﾁｭｰﾌﾞ
⚠	8	0FT23177777//	AK	DX	N	A	Fuse (GGS200 AC250V 0.2A)(100V series)	[F710]	ｶﾞﾗｽｶﾝﾋｭｰｽﾞ
⚠		0FT33176244//	AP	EQ	N	A	Fuse (218.200 AC250V 0.2A)(200V series)	[F710]	ｶﾞﾗｽｶﾝﾋｭｰｽﾞ
	9	0FT23333671//	BD	GN	N	C	Reactor (CX47010-265)(100V series)	[L701]	ﾘｱｸﾄﾙ
		0FT23600394//	BD	GN	N	C	Reactor (SC-05-1500 CX47010-265)(200V series)	[L701]	ﾘｱｸﾄﾙ
	10	0FT23642925//	AK	DX		C	Reactor (CX40357-006)	[L704,708]	ﾘｱｸﾄﾙ
	11	0FT23642925//	AK	DX		C	Reactor (CX40357-006)(100V series)	[L709]	ﾘｱｸﾄﾙ
	12	0FT23642909//	AK	DX		C	Reactor (CX40357-004)	[L706,707]	ﾘｱｸﾄﾙ
	13	0FT14337964//	AF	DS	N	C	Chemical capacitor (KMF50VB-100 50V 100µ F)	[C775]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
	14	0FT14338413//	AR	EQ	N	C	Chemical capacitor (KMF50VB-2200 50V 2200µ F)	[C768]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
	15	0FT23075109//	AF	DS	N	C	Connector (B4P-VH)	[CN701]	ｺﾈｸﾀ
	16	0FT23078361//	AH	DX		B	Transistor (2SA1020)	[Q705,709]	ﾄﾗﾝｼﾞｽﾀ
	17	0FT23080986//	AG	DX		B	Transistor (2SC1815)	[Q712,713,716,717,722~724,726~728]	ﾄﾗﾝｼﾞｽﾀ
	18	0FT23090280//	AD	DJ		C	Film capacitor (AMZF-103K50)	[CX701]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
	19	0FT23090280//	AD	DJ		C	Film capacitor (AMZF-103K50)	[C724,731,742,747]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
	20	0FT23090523//	AD	DJ		C	Film capacitor (50V 0.047µ F)	[CX709,711]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
	21	0FT23090531//	AD	DJ		C	Film capacitor (AMZF-104K50)	[CX702,705,706,708,710]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
	22	0FT23090531//	AD	DJ		C	Film capacitor (AMZF-104K50)	[C708,710,715,743,748]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
	23	0FT23095525//	AD	DJ		C	Film capacitor (AMZF-102K50)	[CX713]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
	24	0FT23095525//	AD	DJ		C	Film capacitor (AMZF-102K50)	[C709,716]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
	25	0FT23104907//	AF	DS	N	B	Transistor (2SC2655)	[Q704,708,720]	ﾄﾗﾝｼﾞｽﾀ
	26	0FT23105237//	AG	DX	N	C	Cement resistor (MO-4D 5W 1.5KΩ J)	[R836,837]	ｾﾒﾝﾄﾃｲｺｳｷ
	27	0FT23105423//	AE	DS		C	Connector (RT-01N-2.3A)	[TB701,702]	ｺﾈｸﾀ
	28	0FT23124347//	AL	EB	N	C	Cement resistor (A53K-4R7J 5W 4.7Ω J)(100V series)	[R742,743]	ｾﾒﾝﾄﾃｲｺｳｷ
		0FT23128903//	AN	EG	N	C	Cement resistor (A53K-100J 5W 10Ω J)(200V series)	[R742,743]	ｾﾒﾝﾄﾃｲｺｳｷ
	29	0FT23166503//	AD	DJ	N	B	Transistor (2SA1015)	[Q718]	ﾄﾗﾝｼﾞｽﾀ
	30	0FT23195236//	AC	DJ		B	Diode (1SS119-14)	[D702,703,720,724,732,740~742,747~749,752,753,758]	ﾀﾞｲｵｰﾄﾞ
	31	0FT23198634//	AF	DS	N	B	Zener diode (RD6.8ES-B3)	[D734,738]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
	32	0FT23246183//	AF	DS		B	Zener diode (RD8.2ES-B3)	[D727]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
	33	0FT23256189//	AF	DS	N	B	Zener diode (RD2.7ES-B2)	[D715,717,754,760]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
	34	0FT23265420//	AE	DS		B	Zener diode (RD24ES-B2)	[D729]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
	35	0FT23288153//	AE	DS		B	Zener diode (RD27ES-B2)	[D731]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
	36	0FT23291235//	AE	DS		B	Zener diode (RD12ES-B3)	[D743,759]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
	37	0FT23299783//	AS	EQ		B	Rectifier (FML-34S)	[RC702,703,706]	ｾｲﾘｭｳｷ
	38	0FT23308065//	AN	EG		B	FET (2SC4073)	[Q710]	FET
	39	0FT23308065//	AN	EG		B	FET (2SC4073)(100V series)	[Q714]	FET
		0FT23554147//	AY	FQ		B	FET (2SK1531)(200V series)	[Q714]	FET
	40	0FT23310639//	AE	DS		B	Zener diode (RD20ES-B2)	[D714,716,726,728,730]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
	41	0FT23322335//	AF	DS		B	Diode (EG01A)(100V series)	[D710,713,755,756,761]	ﾀﾞｲｵｰﾄﾞ
		0FT33035373//	AH	DX		B	Diode (RG1C)(200V series)	[D710,713,756,761]	ﾀﾞｲｵｰﾄﾞ

59 DC電源基板 (DC power supply PWB)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
		Ex.	Ja.					
42	0FT23333744//	AP	EQ	N	B	Rectifier (ESAC82M-004)	[RC705]	ｾｲﾘｭｳｷ
43	0FT23334325//	AD	DJ		C	Film capacitor (AMZF-471K50)	[C722,725,728]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
44	0FT23348393//	AE	DS		B	Zener diode (RD15ES-B1)	[D733]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
45	0FT23352897//	AS	EQ		B	Rectifier (ESAC92M-02)	[RC704]	ｾｲﾘｭｳｷ
46	0FT23364755//	AK	DX		B	IC (HA17431PA)	[Z706]	IC
47	0FT23371336//	AK	DX	N	C	Cement resistor (BPR58 5W 0.05Ω K)(100V series)	[R713]	ｾﾒﾝﾄﾃｲｺｳｷ
	0FT23476820//	AK	DX	N	C	Cement resistor (BPR56 5W 0.1Ω J)(200V series)	[R713]	ｾﾒﾝﾄﾃｲｺｳｷ
48	0FT23405087//	AN	EG		B	Transistor (2SC3852A)	[Q711,715]	ﾄﾗﾝｼﾞｽﾀ
49	0FT23413454//	BC	GJ	N	C	Reactor (HK-20D160-1810)	[L703]	ﾘｱｸﾄﾙ
50	0FT23418235//	AC	DJ	N	C	Carbon resistor (RDMF14-FX 6.8Ω J)	[R746,753]	ｶｰﾎﾞﾝﾃｲｺｳｷ
51	0FT23418340//	AC	DJ		C	Carbon resistor (RDMF14-FX 47Ω J)	[R801]	ｶｰﾎﾞﾝﾃｲｺｳｷ
52	0FT23418383//	AC	DJ		C	Carbon resistor (RDMF14-FX 100Ω J)	[RX712,714,720]	ｶｰﾎﾞﾝﾃｲｺｳｷ
53	0FT23418383//	AC	DJ		C	Carbon resistor (RDMF14-FX 100Ω J)	[R740,796,841]	ｶｰﾎﾞﾝﾃｲｺｳｷ
54	0FT23418421//	AC	DJ		C	Carbon resistor (RDMF14-FX 220Ω J)	[R833,834]	ｶｰﾎﾞﾝﾃｲｺｳｷ
55	0FT23418472//	AC	DJ		C	Carbon resistor (RDMF14-FX 470Ω J)	[RX701,713,715,781]	ｶｰﾎﾞﾝﾃｲｺｳｷ
56	0FT23418502//	AC	DJ	N	C	Carbon resistor (RDMF14-FX 820Ω J)	[R709]	ｶｰﾎﾞﾝﾃｲｺｳｷ
57	0FT23418510//	AC	DJ		C	Carbon resistor (RDMF14-FX 1KΩ J)	[RX719,722]	ｶｰﾎﾞﾝﾃｲｺｳｷ
58	0FT23418510//	AC	DJ		C	Carbon resistor (RDMF14-FX 1KΩ J)	[R701,708,715,720,733,744, 789,797,798,800,803,811,818,825,827,831,832,844]	ｶｰﾎﾞﾝﾃｲｺｳｷ
59	0FT23418545//	AC	DJ	N	C	Carbon resistor (RDMF14-FX 1.8KΩ J)	[R810]	ｶｰﾎﾞﾝﾃｲｺｳｷ
60	0FT23418553//	AC	DJ		C	Carbon resistor (RDMF14-FX 2.2KΩ J)(100V series)	[RX706]	ｶｰﾎﾞﾝﾃｲｺｳｷ
	0FT23418537//	AC	DJ	N	C	Carbon resistor (RDMF14-FX 1.5KΩ J)(200V series)	[RX706]	ｶｰﾎﾞﾝﾃｲｺｳｷ
61	0FT23418553//	AC	DJ		C	Carbon resistor (RDMF14-FX 2.2KΩ J)	[R710,717,748,755,774,784,805,807]	ｶｰﾎﾞﾝﾃｲｺｳｷ
62	0FT23418561//	AC	DJ		C	Carbon resistor (RDMF14-FX 2.7KΩ J)	[R750,757,762,766,808,813,815,816,835]	ｶｰﾎﾞﾝﾃｲｺｳｷ
63	0FT23418596//	AC	DJ	N	C	Carbon resistor (RDMF14-FX 3.9KΩ J)	[R731,795]	ｶｰﾎﾞﾝﾃｲｺｳｷ
64	0FT23418618//	AC	DJ		C	Carbon resistor (RDMF14-FX 4.7KΩ J)	[RX710,721]	ｶｰﾎﾞﾝﾃｲｺｳｷ
65	0FT23418618//	AC	DJ		C	Carbon resistor (RDMF14-FX 4.7KΩ J)	[R745,747,752,754,770,820]	ｶｰﾎﾞﾝﾃｲｺｳｷ
66	0FT23418634//	AC	DJ		C	Carbon resistor (RDMF14-FX 5.6KΩ J)	[R702]	ｶｰﾎﾞﾝﾃｲｺｳｷ
67	0FT23418642//	AC	DJ		C	Carbon resistor (RDMF14-FX 6.8KΩ J)	[R804,812]	ｶｰﾎﾞﾝﾃｲｺｳｷ
68	0FT23418650//	AC	DJ	N	C	Carbon resistor (RDMF14-FX 8.2KΩ J)	[R730]	ｶｰﾎﾞﾝﾃｲｺｳｷ
69	0FT23418669//	AC	DJ		C	Carbon resistor (RDMF14-FX 10KΩ J)	[R729,749,756,765,773,819]	ｶｰﾎﾞﾝﾃｲｺｳｷ
70	0FT23418693//	AC	DJ		C	Carbon resistor (RDMF14-FX 15KΩ J)	[R725,738,763,771]	ｶｰﾎﾞﾝﾃｲｺｳｷ
71	0FT23418707//	AC	DJ		C	Carbon resistor (RDMF14-FX 18KΩ J)	[R764,772]	ｶｰﾎﾞﾝﾃｲｺｳｷ
72	0FT23418715//	AC	DJ		C	Carbon resistor (RDMF14-FX 22KΩ J)	[R716,726~728,739,788,823,839,840]	ｶｰﾎﾞﾝﾃｲｺｳｷ
73	0FT23418723//	AC	DJ	N	C	Carbon resistor (RDMF14-FX 27KΩ J)	[RX717]	ｶｰﾎﾞﾝﾃｲｺｳｷ
74	0FT23418774//	AC	DJ		C	Carbon resistor (RDMF14-FX 56KΩ J)	[RX718]	ｶｰﾎﾞﾝﾃｲｺｳｷ
75	0FT23418804//	AC	DJ		C	Carbon resistor (RDMF14-FX 100KΩ J)	[R724,732,737]	ｶｰﾎﾞﾝﾃｲｺｳｷ
76	0FT23418855//	AC	DJ	N	C	Carbon resistor (RDMF14-FX 330KΩ J)	[R714]	ｶｰﾎﾞﾝﾃｲｺｳｷ
77	0FT23418855//	AC	DJ	N	C	Carbon resistor (RDMF14-FX 330KΩ J)(100V series)	[R843]	ｶｰﾎﾞﾝﾃｲｺｳｷ
	0FT23418774//	AC	DJ		C	Carbon resistor (RDMF14-FX 56KΩ J)(200V series)	[R843]	ｶｰﾎﾞﾝﾃｲｺｳｷ
78	0FT23419789//	AC	DJ		C	Carbon resistor (RDF14-FB 470KΩ J)(100V series)	[R703]	ｶｰﾎﾞﾝﾃｲｺｳｷ
	0FT23419789//	AC	DJ		C	Carbon resistor (RDF14-FB 470KΩ J)(200V series)	[R703,842]	ｶｰﾎﾞﾝﾃｲｺｳｷ
⚠ 79	0FT23426459//	AU	EZ	N	A	Fuse (CES6 AC125V 15A N1)(100V series)	[F701]	ｾﾗﾐｯｸｶﾝﾋｭｰｽﾞ
⚠	0FT23780341//	AK	DX		A	Fuse (50CT063H)(200V series)	[F701]	ｾﾗﾐｯｸｶﾝﾋｭｰｽﾞ
80	0FT23463192//	AF	DS		C	Chemical capacitor (KMF63VB-47FC)	[C736,737,740,745]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
81	0FT23476820//	AK	DX	N	C	Cement resistor (BPR56 5W 0.1Ω J)(100V series)	[R707]	ｾﾒﾝﾄﾃｲｺｳｷ
	0FT23476448//	AK	DX	N	C	Cement resistor (BPR56 5W 0.22Ω J)(200V series)	[R707]	ｾﾒﾝﾄﾃｲｺｳｷ
82	0FT23476820//	AK	DX	N	C	Cement resistor (BPR56 5W 0.1Ω J)	[R777]	ｾﾒﾝﾄﾃｲｺｳｷ
83	0FT23477770//	AN	EG	N	B	IC (NJM78M05FA)	[Z704]	IC
84	0FT23516261//	AD	DJ		C	Metal film resistor (RSMF12B 10Ω J)	[R721,734]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
85	0FT23516288//	AD	DJ	N	C	Metal film resistor (RSMF12B 47Ω J)	[R786]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
86	0FT23518450//	AU	EZ	N	B	Rectifier (RBV-2506)	[RC701]	ｾｲﾘｭｳｷ
87	0FT23529932//	AE	DJ		C	Ceramic capacitor (DE7100-726F222MVA1-KC)	[C701,703,739,744]	ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
88	0FT23537102//	AD	DJ	N	C	Metal film resistor (RSMF12B 4.7Ω J)	[R723,735,736,761,769,790]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
89	0FT23537137//	AD	DJ		C	Metal film resistor (RSMF12B 22Ω J)	[R822]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
90	0FT23538303//	AF	DS	N	C	Metal film resistor (RSMF3B 22Ω J)(100V series)	[R712,782]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
	0FT23538311//	AE	DS	N	C	Metal film resistor (RSMF3B 33Ω J)(200V series)	[R712,782]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
91	0FT23548112//	AP	EQ	N	B	FET (2SK940)	[Q701]	FET
92	0FT23550109//	AU	EZ	N	B	IC (M51995P)	[Z701,703]	IC
93	0FT23554147//	AY	FQ		B	FET (2SK1531)(100V series)	[Q702,703,706,707,729]	FET
	0FT23554120//	AZ	FQ		B	FET (2SK1358)(200V series)	[Q702,703,706,707,729]	FET
94	0FT23555364//	BA	FX	N	C	Chemical capacitor (SMH200VNSN-1500-35D)(100V series)	[C732,733]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
	0FT33174934//	BC	GJ	N	C	Chemical capacitor (SMH400VNSN-390-35C)(200V series)	[C732,733]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
95	0FT23555402//	AD	DJ		C	Fuse holder (EYF-52LCZ AC250V 10A)	[FOR F702~710]	ﾋｭｰｽﾞﾎﾙﾀﾞｰ
96	0FT23562328//	AD	DJ	N	C	Metal film resistor (RSMF2SL 68KΩ J)(100V series)	[R759,767]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
	0FT23562328//	AD	DJ	N	C	Metal film resistor (RSMF2SL 68KΩ J)(200V series)	[R759,760,767,768]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
97	0FT23562417//	AD	DJ	N	C	Metal film resistor (RSMF12SL 4.7Ω J)	[R722]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
98	0FT23562891//	AD	DJ	N	C	Metal film resistor (RSMF1SL 47Ω J)	[R775,778]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
99	0FT23563154//	AD	DJ		C	Metal film resistor (RSMF2SL 0.22Ω J)(100V series)	[R704,829]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
	0FT23563170//	AD	DJ	N	C	Metal film resistor (RSMF2SL 0.47Ω J)(200V series)	[R704,829]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
100	0FT23563154//	AD	DJ		C	Metal film resistor (RSMF2SL 0.22Ω J)	[R828,830]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
101	0FT23563251//	AC	DJ		C	Metal film resistor (RSMF2SL 10Ω J)(100V series)	[R751]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
	0FT23563324//	AC	DJ	N	C	Metal film resistor (RSMF2SL 100Ω J)(200V series)	[R751]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
102	0FT23563251//	AC	DJ		C	Metal film resistor (RSMF2SL 10Ω J)	[R776]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ

59 DC電源基板 (DC power supply PWB)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
		Ex.	Ja.					
103	0FT23563316//	AC	DJ	N	C	Metal film resistor (RSMF2SL 68Ω J)	[R787]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
104	0FT23563642//	AD	DJ	N	C	Metal film resistor (RSMF3SL 22Ω J)(100V series)	[R711,780]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
	0FT23563650//	AD	DJ	N	C	Metal film resistor (RSMF3SL 33Ω J)(200V series)	[R711,780]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
105	0FT23563715//	AD	DJ	N	C	Metal film resistor (RSMF3SL 220Ω J)	[R799]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
106	0FT23601552//	AF	DS		B	Diode (1GU42)	[D718,719,721~723,725,746]	ﾀﾞｲｵｰﾄﾞ
107	0FT23606732//	AD	DJ		B	Diode (S5688G)(100V series)	[D704~707]	ﾀﾞｲｵｰﾄﾞ
	0FT23586928//	AD	DJ		B	Diode (S5688J)(200V series)	[D704~707]	ﾀﾞｲｵｰﾄﾞ
108	0FT23606732//	AD	DJ		B	Diode (S5688G)	[D750,757]	ﾀﾞｲｵｰﾄﾞ
109	0FT23606910//	AE	DS		B	Zener diode (RD4.7ES-B2)	[D744]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
110	0FT23623122//	AZ	FQ	N	C	Chemical capacitor (SMH50VNSN-4700-25C DIA25.4X35L)	[C760,761]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
111	0FT23644642//	AG	DX		B	Variable resistor (EVM-4LGA00B23)	[RV701,702]	ｶﾍﾝﾃｲｺｳｷ
112	0FT23644650//	AL	EB	N	B	Variable resistor (EVM-4LGA00B53)	[RV703,704]	ｶﾍﾝﾃｲｺｳｷ
113	0FT23652092//	AX	FG	N	B	Triac (SM25JZ51)	[CR701]	ﾄﾗｲｱｯｸ
114	0FT23657450//	AK	DX	N	C	Film capacitor (MMCFA-104K400)(100V series)	[C720,726]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
	0FT23673103//	AH	DX	N	C	Film capacitor (MMCFA-473K630)(200V series)	[C720,726]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
115	0FT23668312//	AN	EG	N	B	IC (UPC78N24H)	[Z705]	IC
116	0FT23690091//	AE	DS		B	Zener diode (RD6.2ES-B1)	[D701,739]	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
117	0FT23692817//	AK	DX	N	C	Film capacitor (MMTF-105J50)	[C766]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
118	0FT23697541//	AR	EQ	N	B	IC (UPD5555C)	[Z702]	IC
119	0FT23707555//	AD	DJ	N	C	Metal film resistor (RSMF2RB 47Ω J)	[R741]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
120	0FT23719383//	AR	EQ	N	C	Connector (DF1B-36DP-2.5DSA)	[CN702]	ｺﾈｸﾀ
⚠ 121	0FT23723119//	AL	EB	N	A	Fuse (FBT5 AC125V 5A)(100V series)	[F702,703,707]	ｶﾞﾗｽｶﾝﾋｭｰｽﾞ
⚠	0FT33147333//	AP	EQ	N	A	Fuse (50CT050H)(200V series)	[F702,703,707]	ｶﾞﾗｽｶﾝﾋｭｰｽﾞ
⚠ 122	0FT23723127//	AK	DX	N	A	Fuse (FBT6.3 AC125V 6.3A)(100V series)	[F709]	ｶﾞﾗｽｶﾝﾋｭｰｽﾞ
⚠	0FT23780341//	AK	DX		A	Fuse (50CT063H)(200V series)	[F709]	ｾﾗﾐｯｸｶﾝﾋｭｰｽﾞ
123	0FT23732290//	AL	EB	N	B	Photo coupler (PS2561L1-1-V CTR=D,L,W)	[PC701~706]	ﾌｫﾄｶﾌﾟﾗ
124	0FT23769879//	AD	DJ	N	C	Metal film resistor (RSMF2RB 15KΩ J)(100V series)	[R718,719]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
	0FT33024258//	AD	DJ		C	Metal film resistor (RSMF2RB 33KΩ J)(200V series)	[R718,719]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
125	0FT23774376//	AU	EZ	N	B	FET (2SK2232)	[Q719]	FET
126	0FT23782336//	AF	DS	N	C	Metal film resistor (RSMF3RB 47Ω J)	[R779,793]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
127	0FT33015798//	AF	DS	N	C	Fuse holder (F-11P)	[FOR F701]	ﾋｭｰｽﾞﾎﾙﾀﾞｰ
128	0FT33024290//	AD	DJ	N	C	Metal film resistor (RSMF2RB 6.8Ω J)	[R758]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
129	0FT33035349//	AK	DX		B	Diode (RL2Z)	[D735]	ﾀﾞｲｵｰﾄﾞ
130	0FT33035357//	AH	DX		B	Diode (R2M)(100V series)	[D708,711]	ﾀﾞｲｵｰﾄﾞ
	0FT33035357//	AH	DX		B	Diode (R2M)(200V series)	[D708,709,711,712]	ﾀﾞｲｵｰﾄﾞ
131	0FT33052146//	AF	DS	N	C	Film capacitor (MMTF-224J50)	[CX703]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
132	0FT33052146//	AF	DS	N	C	Film capacitor (MMTF-224J50)	[C741,746,778,779,781~783]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
133	0FT33054211//	AK	DX	N	C	Film capacitor (3362-224)	[C718]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
134	0FT33056540//	AF	DS	N	C	Ceramic capacitor (DD104-63SL470J50)	[CX707]	ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
135	0FT33057288//	AK	DX		C	Film capacitor (3362-105)	[C702]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
136	0FT33061625//	AK	DX	N	C	Chemical capacitor (KMF35VB-100FC)	[C730]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
137	0FT33061633//	AK	DX	N	C	Chemical capacitor (KMF35VB-220)	[C771]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
138	0FT33061668//	AP	EQ	N	C	Chemical capacitor (KMF35VB-1000)	[C750,770,772,773]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
139	0FT33061676//	AU	EZ	N	C	Chemical capacitor (KMF35VB-2200)	[C754~756,765]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
140	0FT33061684//	AF	DS	N	C	Chemical capacitor (KMF50VB-1FC)	[CX712]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
141	0FT33061684//	AF	DS	N	C	Chemical capacitor (KMF50VB-1FC)	[C707]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
142	0FT33061706//	AP	EQ	N	C	Chemical capacitor (KMF50VB-10FC)	[C727]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
143	0FT33062699//	AX	FG	N	C	Chemical capacitor (KMF25VB-470)	[C774]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
⚠ 144	0FT33067178//	AZ	FQ	N	A	Fuse (FBT1.25 AC125V 1.25A)(100V series)	[F706]	ｶﾞﾗｽｶﾝﾋｭｰｽﾞ
⚠	0FT33176252//	AP	EQ	N	A	Fuse (50CT013H)(200V series)	[F706]	ｾﾗﾐｯｸｶﾝﾋｭｰｽﾞ
145	0FT33087551//	AF	DS	N	C	Chemical capacitor (KMF50VB-22FC)	[C721,735,738,776]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
146	0FT33087934//	AF	DS	N	C	Chemical capacitor (KMF50VB-R47FC)	[CX704]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
147	0FT33113455//	AF	DS	N	C	Chemical capacitor (KMF50VB-4R7FC)	[C784]	ﾃﾞﾝｶｲｺﾝﾃﾞﾝｻ
148	0FT33126638//	AG	DX	N	C	Ceramic capacitor (CK45-R3AD102K-GR)	[C749,752,753,757~759,763,764]	ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
149	0FT33126654//	AG	DX	N	C	Ceramic capacitor (CK45-R3DD221K-GR)	[C704,712]	ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
150	0FT33131755//	AG	DX	N	C	Ceramic capacitor (CK45-R3AD471K-GR)(100V series)	[C705]	ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
151	0FT33131755//	AG	DX	N	C	Ceramic capacitor (CK45-R3AD471K-GR)(100V series)	[C713,717]	ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
	0FT33126654//	AG	DX	N	C	Ceramic capacitor (CK45-R3DD221K-GR)(200V series)	[C713,717]	ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
152	0FT33131755//	AG	DX	N	C	Ceramic capacitor (CK45-R3AD471K-GR)	[C751]	ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
153	0FT33131763//	AG	DX	N	C	Ceramic capacitor (CK45-R3AD102K-GR)(100V series)	[C706,714,719]	ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
	0FT33131860//	AG	DX	N	C	Ceramic capacitor (CK45-R3DD471K-GR)(200V series)	[C706,714,719]	ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
154	0FT33149484//	AH	DX	N	C	Metal film resistor (RSMF3RB 22Ω J)	[R705,706]	ｻﾝｶｷﾝｿﾞｸﾋﾏｸﾃｲｺｳｷ
155	0FT33154844//	BB	GD	N	C	Reactor (HK-20D100-6010)	[L705]	ﾘｱｸﾄﾙ
156	0FT23201007//	AF	DS	N	C	Screw (3✕6)	[14]	ｼｮｳﾜｯｼｬｾﾑｽﾈｼﾞ
157	0FT23202569//	AC	DJ		C	Spacer (AP47030-169)	[5]	ｽﾍﾟｰｻ
158	0FT23323668//	AR	EQ	N	C	Spacer (AP47120-001)	[7]	ｽﾍﾟｰｻ
159	0FT23339424//	AQ	EQ	N	C	Angle (EGC-20E)	[8]	ｶﾅｸﾞ
160	0FT23339440//	AF	DS		C	Angle (AP47101-002-01)	[2]	ｶﾅｸﾞ
161	0FT23339505//	AV	FG	N	C	Angle (EGC-20E)	[20]	ｶﾅｸﾞ
162	0FT23339599//	AV	FG	N	C	Angle (EGC-20E)	[3]	ｶﾅｸﾞ
163	0FT23339750//	AC	DJ		C	Angle (AP47101-008-05)	[6]	ｶﾅｸﾞ
164	0FT23370860//	AB	DJ		C	Spacer (AP47120-002)	[4]	ｽﾍﾟｰｻ
165	0FT23455955//	AG	DX	N	C	Screw (3✕6)	[9]	ｻﾗｺﾈｼﾞ
166	0FT23456013//	AG	DX	N	C	Screw (3✕16)	[11]	ｻﾗｺﾈｼﾞ
167	0FT23521923//	AQ	EQ	N	C	Heating sheet (TCS-7030)	[15]	ﾎｳﾈﾂｼｰﾄ
168	0FT23522156//	AR	EQ	N	C	Heating sheet (TCS-7030)	[12]	ﾎｳﾈﾂｼｰﾄ

59 DC電源基板 (DC power supply PWB)

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION
169	0FT23523209//	AR	EQ	N	C	Heating sheet (TCS-7045) [10] ﾎｳﾈﾂｼｰﾄ
170	0FT23523284//	AW	FG	N	C	Heating sheet (TCS-7045) [1] ﾎｳﾈﾂｼｰﾄ
171	0FT33196776//	AP	EQ	N	C	Fin (APH34100-058) [17] ﾌｨﾝ
172	0FT33196784//	BC	GJ	N	C	Chassis (APA22400-052) [16] ｼｬｰｼ
173	0FT33203578//	AX	FG	N	C	Insulator sheet (APG37100-166) [18] ｾﾞﾂｴﾝｼｰﾄ
174	0FT23740927//	AK	DX	N	C	Ferrite beads (FBA04MA450US-00) [FB701,702] ﾌｪﾗｲﾄﾋﾞｰｽﾞ
⚠ 175	0FT23761126//	AG	DX	N	A	Fuse (FBT4 AC125V 4A)(100V series) [F704,705,708] ｶﾞﾗｽｶﾝﾋｭｰｽﾞ
⚠	0FT33147325//	AP	EQ	N	A	Fuse (50CT040H)(200V series) [F704,705,708] ｾﾗﾐｯｸｶﾝﾋｭｰｽﾞ
	ﾕﾆｯﾄ (Unit)					
⚠ 901	CPWBF1205FC31	CE	UH	N	E	DC power supply PWB (100V series) DCﾃﾞﾝｹﾞﾝｷﾊﾞﾝ
⚠	CPWBF1206FC31	CG	UM	N	E	DC power supply PWB (200V series) DCﾃﾞﾝｹﾞﾝｷﾊﾞﾝ

60 RADF…ｺﾝﾄﾛｰﾙ基板 (RADF…Control PWB)

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION
1	0CWE120000369	AU	FG	N	B	Dip switch (KSD06) ﾃﾞｨｯﾌﾟｽｲｯﾁ
2	0CW2222K201//	BA	FX	N	B	ROM ass'y ROMｸﾐ
3	0CWE120000897	AD	DJ		B	Push switch (SKHHPK) ﾌﾟｯｼｭｽｲｯﾁ
4	0CWE230000031	AK	DX		C	Coil (SK-8MS-5Y) ｺｲﾙ
5	0CWE250000141	AG	DX		B	Ceramic resonator (CST5.0MGW040) ｸﾘｽﾀﾙ
6	0CWE250000153	AG	DX	N	B	Crystal (CST16.00MXW0C3) ｸﾘｽﾀﾙ
7	0CWE311000978	AD	DJ		B	Diode (SB02-03Q) ﾀﾞｲｵｰﾄﾞ
8	0CWE311001019	AD	DJ		B	Diode (S1G-G11) ﾀﾞｲｵｰﾄﾞ
9	0CWE311001020	AE	DS		B	Diode (SS14) ﾀﾞｲｵｰﾄﾞ
10	0CWE312001081	AB	DD		B	Transistor (FA1L3N) ﾃﾞｼﾞﾀﾙﾄﾗﾝｼﾞｽﾀｰ
11	0CWE312001240	AC	DD		B	Transistor (FN1L3N) ﾃﾞｼﾞﾀﾙﾄﾗﾝｼﾞｽﾀｰ
12	0CWE312001282	AH	DX	N	B	Transistor (2SK1471) ﾄﾗﾝｼﾞｽﾀｰ
13	0CWE312001363	AG	DX		B	FET (2SK1726) FET
14	0CWE312001377	AE	DJ	N	B	Transistor (FC144) ﾄﾗﾝｼﾞｽﾀｰ
15	0CWE312001398	AC	DJ	N	B	Transistor (FN1L3Z) ﾄﾗﾝｼﾞｽﾀｰ
16	0CWE312001399	AL	EB	N	B	Transistor (2SJ485) ﾄﾗﾝｼﾞｽﾀｰ
17	0CWE314000479	AF	DS	N	B	Photo transistor (PH110M) ﾌｫﾄﾄﾗﾝｼﾞｽﾀｰ
18	0CWE321000320	AK	DX		B	IC (M51953BFP) IC
19	0CWE321000358	AG	DX		B	IC (UPC339G2) IC
20	0CWE321000555	AP	EQ		B	IC (M51971FP) IC
21	0CWE321000636	AG	DX		B	IC (LA6324NM) IC
22	0CWE321000650	BB	GD		B	IC (STK681-050) IC
23	0CWE323000282	AY	FQ	N	B	IC (M27C512-12F1) IC
24	0CWE323000305	AP	EQ		B	IC (ST93C46CM1) IC
25	0CWE323000315	BB	GD	N	B	IC (M37702S1AFP) IC
26	0CWE70014J271	AB	DJ	N	C	Resistor (RD25S270Ω J) ﾃｲｺｳ
27	0CWE70014J910	AB	DJ	N	C	Resistor (RD25S91Ω J) ﾃｲｺｳ
28	0CWE70154JR10	AC	DJ	N	C	Resistor (SPRX20.1Ω J) ﾃｲｺｳ
29	0CWE70162J102	AB	DJ	N	C	Resistor (CRG8SG102J) ﾃｲｺｳ
30	0CWE70175J392	AA	DJ	N	C	Resistor (CRG8G392J) ﾃｲｺｳ
31	0CWE70188F102	AB	DJ	N	C	Resistor (CRG10G102F) ﾃｲｺｳ
32	0CWE70188F820	AB	DJ	N	C	Resistor (CRG10G820F) ﾃｲｺｳ
33	0CWE70188J100	AA	DJ		C	Resistor (CRG10G100J) ﾃｲｺｳ
34	0CWE70188J101	AA	DJ		C	Resistor (CRG10G101J) ﾃｲｺｳ
35	0CWE70188J102	AA	DJ		C	Resistor (CRG10G102J) ﾃｲｺｳ
36	0CWE70188J103	AA	DJ		C	Resistor (CRG10G103J) ﾃｲｺｳ
37	0CWE70188J104	AA	DJ		C	Resistor (CRG10G104J) ﾃｲｺｳ
38	0CWE70188J105	AA	DJ		C	Resistor (CRG10G105J) ﾃｲｺｳ
39	0CWE70188J152	AA	DJ		C	Resistor (CRG10G152J) ﾃｲｺｳ
40	0CWE70188J153	AA	DJ		C	Resistor (CRG10G153J) ﾃｲｺｳ
41	0CWE70188J183	AA	DJ	N	C	Resistor (CRG10G183J) ﾃｲｺｳ
42	0CWE70188J203	AA	DJ		C	Resistor (CRG10G203J) ﾃｲｺｳ
43	0CWE70188J221	AA	DJ		C	Resistor (CRG10G221J) ﾃｲｺｳ
44	0CWE70188J223	AA	DJ		C	Resistor (CRG10G223J) ﾃｲｺｳ
45	0CWE70188J242	AA	DJ		C	Resistor (CRG10G242J) ﾃｲｺｳ
46	0CWE70188J273	AA	DJ	N	C	Resistor (CRG10G273J) ﾃｲｺｳ
47	0CWE70188J302	AA	DJ	N	C	Resistor (CRG10G302J) ﾃｲｺｳ
48	0CWE70188J472	AA	DJ		C	Resistor (CRG10G472J) ﾃｲｺｳ
49	0CWE70188J473	AA	DJ		C	Resistor (CRG10G473J) ﾃｲｺｳ
50	0CWE70188J821	AA	DJ		C	Resistor (CRG10G821J) ﾃｲｺｳ
51	0CWE70188J913	AA	DJ	N	C	Resistor (CRG10G913J) ﾃｲｺｳ
52	0CWE70197J100	AB	DD		C	Resistor (ERD25FAJ100) ﾃｲｺｳ
53	0CWE70197J4R7	AA	DJ		C	Resistor (ERD25FAJ4R7) ﾃｲｺｳ
54	0CWE70205J432	AC	DJ	N	C	Resistor (CRG2G432J) ﾃｲｺｳ
55	0CWE72027M103	AH	DX		B	Variable resistor (10KΩ) ﾎﾞﾘｭｳﾑ
56	0CWE72027M203	AF	DS		B	Variable resistor (BPK502H203H0) ﾎﾞﾘｭｳﾑ
57	0CWE72027M503	AF	DS		B	Variable resistor (BPK502H503H0) ﾎﾞﾘｭｳﾑ
58	0CWE72083M103	AL	EB	N	C	Capacitor (VB16L43N16F(BC)B10K) ｺﾝﾃﾞﾝｻ
59	0CWE73044J103	AD	DJ	N	C	Capacitor (CQ92M1H103JB) ｺﾝﾃﾞﾝｻ
60	0CWE73295Z155	AD	DJ	N	C	Capacitor (GRM42-6F155Z16PT) ｺﾝﾃﾞﾝｻ
61	0CWE73303Z104	AB	DJ		C	Capacitor (GRM40F104Z25PT) ｺﾝﾃﾞﾝｻ

60 RADF…ｺﾝﾄﾛｰﾙ基板 (RADF…Control PWB)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
62	0CWE73303Z334	AC	DJ	N	C	Capacitor (GRM40F334Z16PT)	ｺﾝﾃﾞﾝｻ
63	0CWE73328K102	AB	DJ		C	Capacitor (GRM40B102K50PT)	ｺﾝﾃﾞﾝｻ
64	0CWE73328K103	AB	DJ	N	C	Capacitor (GRM40B103K50PT)	ｺﾝﾃﾞﾝｻ
65	0CWE73328K104	AC	DJ	N	C	Capacitor (GRM40B104K25PT)	ｺﾝﾃﾞﾝｻ
66	0CWE73328K223	AB	DJ	N	C	Capacitor (GRM40B223K25PT)	ｺﾝﾃﾞﾝｻ
67	0CWE73328K273	AC	DJ	N	C	Capacitor (GRM40B273K50PT)	ｺﾝﾃﾞﾝｻ
68	0CWE73423M105	AC	DJ		C	Capacitor (DESEM1H010-F)	ｺﾝﾃﾞﾝｻ
69	0CWE73423M475	AC	DJ		C	Capacitor (CESEM1H4R7-F)	ｺﾝﾃﾞﾝｻ
70	0CWE73423M476	AC	DJ		C	Capacitor (CESEM1C470M-F)	ｺﾝﾃﾞﾝｻ
71	0CWE73423M476	AC	DJ		C	Capacitor (CESEM1C470M-F)	ｺﾝﾃﾞﾝｻ
72	0CWE73425M107	AD	DJ		C	Capacitor (CEDSM1H101M-F)	ｺﾝﾃﾞﾝｻ
73	0CWE74012WE03	AD	DJ		C	Connector (5268-03A)	ｺﾈｸﾀｰ
74	0CWE74071WE04	AC	DJ		C	Connector (B4P-VH)(4pin)	ｺﾈｸﾀｰ
75	0CWE74269BK28	AD	DJ		C	IC socket (2-641605-3)	ICｿｹｯﾄ
76	0CWE74270WE03	AC	DJ		C	Connector (173979-3)	ｺﾈｸﾀｰ
77	0CWE74291WE10	AF	DS	N	C	Connector (53258-1020)	ｺﾈｸﾀｰ
78	0CWE74299BK03	AB	DD		C	Connector (DF3-3P-2DSA)	ｺﾈｸﾀｰ
79	0CWE74299BK08	AD	DS		C	Connector (DF3-8P-2DSA)(8pin)	ｺﾈｸﾀｰ
80	0CWE74340WE02	AC	DJ		C	Connector (173981-2)	ｺﾈｸﾀｰ
81	0CWE74340WE06	AD	DJ		C	Connector (173981-6)	ｺﾈｸﾀｰ
82	0CWE74340WE12	AF	DS		C	Connector (1-173981-2)	ｺﾈｸﾀｰ
83	0CWE74340WE14	AF	DS	N	C	Connector (1-173981-4)	ｺﾈｸﾀｰ
84	0CWE76005A6R2	AE	DS		B	Zener diode (RD6.2FB)	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
85	0CWE76005B160	AD	DJ		B	Zener diode (RD16FB)	ﾂｴﾅｰﾀﾞｲｵｰﾄﾞ
86	0CWE76008H120	AB	DD		B	Zener diode (RD12MB2)	ﾂｴﾅｰﾀﾞｲｵｰﾄﾞ
87	0CWE76008H5R1	AC	DJ		B	Zener diode (RD5.1MB2)	ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
88	0CWE7700208A／	AF	DS		B	IC (TC74HC08AF)	IC
89	0CWE7700214A／	AG	DX		B	IC (TC74HC14AF)	IC
90	0CWE7700232A／	AE	DS		B	IC (TC74BC32AF)	IC
91	0CWE7702006／／	AG	DS		B	IC (HD74LS06PF)	IC
92	0CW2198P422／／	AY	FQ	N	B	LSI (LSI-LC93043A-V54)	LSI
93	0CWE420001104	AD	DJ	N	C	Connector (26004)	ｺﾈｸﾀ
94	0CW343160／／／／	AA	DJ	N	C	Jumper lead	ｼﾞｬﾝﾊﾟｰｾﾝ
	ﾕﾆｯﾄ (Unit)						
901	0CW2222K200／／	CA	TX	N	E	PBA-control PWB (with ROM)	PBA-ｺﾝﾄﾛｰﾙｷﾊﾞﾝ(ROMﾂｷ)

■ 索引 (Index)

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
【C】						
CANGF1077FC01	6- 7	AK	DX		C	
CANGF1078FC01	6- 10	AG	DS		C	
CANGT1356FC31	8- 10	AQ	EQ		C	
CANGT1357FC01	8- 11	AK	EB		C	
CARMP0174FC01	18- 62	AT	FG		C	
CBLTH0130FC31	19- 1	AU	FQ		B	
〃	20- 1	AU	FQ		B	
CBLTH0223FC31	29- 16	AV	FG		B	
CBLTH0231FC31	31- 6	AY	FQ		B	
CBŌX-0111FC51	14- 901	CB	TX	N	E	
CBŌX-0111FC52	14- 901	CB	TX	N	E	
CBŌX-0112FC01	40- 31	AL	EB	N	C	
CBŌX-0115FC51	15- 901	CE	UF	N	E	
CBŌX-0115FC52	15- 901	CE	UF	N	E	
CBRSR0169FC01	30- 74	AV	FG	N	B	
CBTN-0157FC32	2- 14	AH	DX		E	
CBTN-0175FC03	2- 12	AG	DX		C	
CBTN-0206FC01	2- 15	AN	EQ		C	
CBTN-0207FC01	2- 9	AN	EQ		C	
CBTN-0208FC01	2- 13	AL	EG		C	
CCAB-0764FC07	1- 29	BX	TF	N	D	
CCASZ0067FC01	52- 21	AD	DJ		D	
CCASZ0067FC02	52- 21	AM	EG		D	
CCASZ0247FC51	18- 901	BX	TF		E	
CCASZ0248FC03	45- 8	AU	FG		C	
CCASZ0248FC53	45- 901	BG	GT	N	E	
CCASZ0250FC51	44- 901	BA	GD		E	
CCLR-0350FC01	18- 36	AQ	EZ		C	
CCŌVP1175FC52	15- 502	AY	FQ	N	E	
CCŌVP1385FC41	41- 46	AZ	FQ	N	E	
CCŌVP1392FC51	15- 501	AW	FG	N	E	
CDAiU0555FC01	40- 21	BA	FX	N	C	
CDUC-0133FC31	16- 501	BL	HL	N	E	
CFiLW0193FC04	2- 4	AY	FQ	N	B	
CFiLW0194FC01	2- 5	AQ	EQ		B	
CFLT-0058FC01	13- 148	AW	FG	N	C	
CFRM-0758FC01	16- 141	AZ	FX		C	
CFRM-0759FC01	16- 70	AZ	FX		C	
CFRM-0762FC02	30- 144	BB	GD		C	
CFRM-0766FC03	13- 43	AY	FQ		C	
CFRM-0767FC03	13- 145	AY	FQ		C	
CFRM-0774FC34	21- 96	BF	GN		E	
CFRM-0925FC01	22- 24	BD	GN	N	C	
CFRM-0926FC01	22- 23	BD	GJ	N	C	
CFTA-0097FC01	1- 9	AZ	FX		D	
CFTA-0099FC01	2- 6	AM	EQ		D	
CGERH0270FC01	15- 60	AG	DS		C	
CGERH0300FC01	13- 126	AL	EG		C	
CGERH0325FC01	24- 18	AL	EB		C	
〃	25- 19	AL	EB		C	
〃	26- 27	AL	EB		C	
CGERH0432FC01	24- 21	AD	DJ		C	
CGERH0504FC01	17- 41	AE	DS		C	
〃	25- 20	AE	DS		C	
〃	26- 21	AE	DS		C	
〃	27- 15	AE	DS		C	
CGERH1188FC01	28- 25	AM	EG	N	C	
CGERH1203FC01	15- 62	AK	DX	N	C	
CGERH1204FC01	15- 61	AK	EB	N	C	
CGiDH1391FC02	16- 103	AT	EZ		C	
CGiDH1436FC02	17- 27	AQ	EQ		C	
CGiDH1459FC03	21- 32	AX	FQ		C	
〃	21- 37	AX	FQ		C	
CGiDH1662FC01	16- 4	AY	FQ	N	C	
CGiDH1663FC01	16- 21	BA	FX	N	C	
CGiDM1705FC01	38- 13	AZ	FQ	N	C	
CHLDZ1332FC01	40- 46	AP	EQ	N	C	
CHNG-0160FC01	8- 79	AP	EQ		C	
CHNG-0160FC02	8- 82	AP	EQ		C	
CHNG-0164FC01	1- 6	AK	EB		C	
CHNG-0199FC01	41- 39	AY	FQ	N	C	
CLABZ0241FC01	52- 41	AF	DS		C	
CLABZ0241FC02	52- 42	AG	DX	N	C	
CLABZ0248FC01	52- 41	AF	DS		C	
CLABZ0248FC02	52- 42	AG	DX	N	C	
CLEVF0614FC01	13- 10	AM	EG		C	
CLEVF0615FC01	13- 144	AM	EG		C	
CLNS-0048FC31	7- 85	BT	NU		E	
CPAKA4933FC02	52- 6	BD	GN	N	D	
CPFTF0066FC01	12- 2	BA	GD		B	
CPFTF0066FC02	12- 2	BA	GD		B	
CPFTF0067FC01	12- 10	AZ	FX		B	
CPFTF0067FC02	12- 10	AZ	FX		B	
CPiPA0171FC01	12- 9	BN	LP		C	
CPLTM1510FC05	8- 21	AF	DS		C	
CPLTM1510FC08	8- 116	AG	DX		C	
〃	19- 54	AG	DX		C	
CPLTM3053FC03	11- 51	AV	FG		C	
CPLTM3371FC03	16- 118	AH	DX		C	
CPLTM3371FC04	16- 69	AK	EB		C	
CPLTM3378FC02	16- 117	AK	EB		C	
CPLTM3404FC03	13- 38	AG	DX		C	
CPLTM3882FC02	12- 8	AR	EZ		C	
CPLTM4058FC01	31- 47	AG	DS		C	
CPLTM4129FC01	43- 9	AS	EZ		C	
CPLTM4227FC01	8- 14	AP	EQ		C	
CPLTM4232FC03	28- 19	BB	GD	N	C	
CPLTM4232FC52	9- 8	CA	TV	N	E	
〃	28- 901	CA	TV	N	E	
CPLTM4238FC01	26- 9	AU	FG		C	
CPLTM4238FC31	9- 28	BS	MW		E	
〃	26- 901	BS	MW		E	
CPLTM4244FC01	24- 20	AH	EB		C	
CPLTM4245FC02	25- 6	AV	FG		C	
CPLTM4245FC32	9- 59	BR	LX	N	E	
〃	25- 901	BR	LX	N	E	
CPLTM4251FC01	20- 50	AK	EB		C	
CPLTM4252FC01	19- 50	AK	EB		C	
CPLTM4253FC01	20- 46	AK	EB		C	
CPLTM4254FC01	19- 46	AK	EB		C	
CPLTM4257FC01	16- 144	AT	EZ		C	
CPLTM4269FC03	31- 39	AU	EZ		C	
CPLTM4276FC01	31- 18	AH	DX		C	
CPLTM4279FC01	30- 67	AG	DX		C	
CPLTM4279FC02	30- 53	AG	DX		C	
CPLTM4281FC01	30- 153	AH	DX		C	
CPLTM4282FC01	30- 125	AH	EB		C	
CPLTM4288FC01	30- 135	AM	EG		C	
CPLTM4304FC01	18- 21	AH	DX		C	
CPLTM4305FC01	18- 6	AN	EQ		C	
CPLTM4307FC51	43- 901	BE	GN		E	
CPLTM4316FC31	5- 502	BM	HZ		E	
〃	7- 82	BM	HZ		E	
CPLTM4321FC31	5- 501	BK	HL		E	
〃	7- 90	BK	HL		E	
CPLTM4323FC01	6- 5	AK	EB		C	
CPLTM4325FC01	8- 70	AF	DS		C	
〃	10- 36	AF	DS		C	
CPLTM4363FC01	32- 10	AH	DX		C	
CPLTM4396FC01	19- 53	AK	EB		C	
CPLTM4436FC01	8- 19	AH	EB		C	
CPLTM4456FC01	30- 164	AH	DX		C	
CPLTM4471FC01	8- 45	AT	EZ		C	
CPLTM5137FC01	41- 43	AH	DX	N	C	
CPLTM5141FC01	8- 115	AY	FQ	N	C	
CPLTM5148FC31	9- 9	BV	RB	N	E	
〃	27- 901	BV	RB	N	E	
CPLTM5149FC01	27- 11	AZ	FQ	N	C	
CPLTM5151FC01	24- 4	AT	EZ	N	C	
CPLTM5151FC31	9- 56	BS	MJ	N	E	
〃	24- 901	BS	MJ	N	E	
CPLTM5229FC01	39- 15	BA	FX	N	C	
CPLTM5232FC01	39- 38	AH	DX	N	C	
CPLTM5236FC02	38- 43	AT	EZ	N	C	
CPLTM5257FC01	24- 38	AK	EB	N	C	
CPLTM5280FC01	15- 59	AT	EZ	N	C	
CPLTM5309FC01	28- 9	AN	EQ	N	C	
CPLTP4369FC02	23- 1	AQ	EQ		C	
CPLTP4369FC03	23- 1	AQ	EQ		C	
CPLTP4369FC05	23- 31	AR	EQ	N	C	
CPLTP4369FC06	23- 31	AR	EQ	N	C	
CPLTP4370FC01	2- 39	AK	EB		C	
CPLTZ4410FC02	43- 1	AS	EZ		B	
CPLYZ0070FC01	24- 36	AE	DS		C	
〃	27- 28	AE	DS		C	
CPLYZ0279FC01	16- 138	AN	EQ		C	
〃	30- 151	AN	EQ		C	
CPLYZ0286FC01	26- 31	AT	EZ		C	
〃	27- 26	AT	EZ		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
CPNLC0212FC11	2- 901	CV	VZ	N	E	
CPNLC0212FC12	2- 901	CU	VZ	N	E	
CPNLC0212FC13	2- 901	CV	VZ	N	E	
CPNLC0212FC14	2- 901	CU	VZ	N	E	
CPNLC0212FC15	2- 901	CV	VZ	N	E	
CPNLC0212FC16	2- 901	CV	VZ	N	E	
CPNLC0212FC17	2- 901	CV	VZ	N	E	
CPNLC0212FC18	2- 901	CV	VZ	N	E	
CPNLC0212FC19	2- 901	CV	VZ	N	E	
CPNLC0213FC01	1- 26	AN	EQ		D	
CPNLC0213FC02	1- 26	AN	EQ		D	
CPNLC0213FC03	1- 26	AM	EG		D	
CPWBF0932FC56	11- 72	BN	HZ	N	E	
CPWBF0934FC31	3- 9	AX	FX		E	
CPWBF0935FC31	7- 63	AX	FX		E	
CPWBF0941FC32	7- 54	AU	FG		E	
CPWBF0980FC51	2- 19	BM	LE		E	
〃	54- 901	BM	LE		E	
CPWBF0982FC51	11- 18	AZ	FX		E	
CPWBF0984FC51	23- 4	AQ	EQ		E	
CPWBF0986FC31	21- 101	AY	FQ		E	
CPWBF0991FC53	11- 52	AY	FQ		E	
〃	56- 901	AY	FQ		E	
CPWBF0991FC54	11- 52	AY	FQ		E	
〃	56- 901	AY	FQ		E	
CPWBF0992FC51	11- 23	AP	EQ		E	
CPWBF0993FC51	2- 43	AQ	EQ		E	
CPWBF0998FC53	37- 21	AS	EQ	N	E	
〃	58- 901	AS	EQ	N	E	
CPWBF0998FC54	37- 21	AS	EQ	N	E	
〃	58- 901	AS	EQ	N	E	
CPWBF1012FC31	4- 23	AZ	FX		E	
CPWBF1107FC52	2- 30	AX	FG	N	E	
CPWBF1201FC51	2- 56	AN	EG	N	E	
CPWBF1202FC51	46- 1	BS	MJ	N	E	
〃	57- 901	BS	MJ	N	E	
CPWBF1202FC52	46- 1	BS	MJ	N	E	
〃	57- 901	BS	MJ	N	E	
CPWBF1202FC53	46- 1	BS	MJ	N	E	
〃	57- 901	BS	MJ	N	E	
CPWBF1203FC51	46- 1	BT	NE	N	E	
〃	57- 901	BT	NE	N	E	
CPWBF1204FC31	1- 75	AZ	FX	N	E	
CPWBF1205FC31	9- 1	CE	UH	N	E	
〃	59- 901	CE	UH	N	E	
CPWBF1206FC31	9- 1	CG	UM	N	E	
〃	59- 901	CG	UM	N	E	
CPWBF1207FC51	2- 10	AZ	FQ	N	E	
CPWBN1199FC51	9- 60	CL	UT	N	E	
〃	53- 901	CL	UT	N	E	
CPWBN1200FC51	2- 21	CA	TV	N	E	
〃	55- 901	CA	TV	N	E	
CPWBN1200FC52	2- 21	CA	TV	N	E	
〃	55- 901	CA	TV	N	E	
CPWBN1200FC54	2- 21	CA	TV	N	E	
〃	55- 901	CA	TV	N	E	
CPWBN1200FC55	2- 21	CA	TV	N	E	
〃	55- 901	CA	TV	N	E	
CPWBN1224FC51	2- 21	CA	TR	N	E	
〃	55- 901	CA	TR	N	E	
CPWBN1224FC52	2- 21	CA	TR	N	E	
〃	55- 901	CA	TR	N	E	
CR-WZ0425FC01	8- 35	AW	FG		B	
CR-WZ0425FC02	34- 2	AW	FG	N	B	
CR-WZ0427FC02	34- 2	AW	FG	N	B	
CR-WZ0430FC02	34- 2	AW	FG	N	B	
CR-WZ0464FC01	46- 38	AW	FG	N	B	
CR-WZ0464FC02	46- 39	AX	FG	N	B	
CRALM0113FC01	11- 21	AV	FG		C	
CREFL0167FC31	4- 901	BV	RB	N	E	
〃	7- 79	BV	RB	N	E	
CREFL0167FC32	4- 901	BV	RB	N	E	
〃	7- 79	BV	RB	N	E	
CRŌLM0975FC01	13- 65	AU	FG		C	
CRŌLM0990FC01	30- 83	AM	EG		C	
CRŌLN0973FC31	13- 502	BC	GN		E	
CRŌLN1181FC31	13- 503	BL	HL	N	E	
CRŌLN1182FC31	13- 501	BL	HG	N	E	
CRŌLP0943FC01	30- 6	AG	DX		C	
CRŌLP0944FC01	30- 87	AM	EG		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
CRŌLP0945FC32	16- 2	AS	EZ		E	
CRŌLP0945FC33	17- 39	AS	EZ		E	
〃	32- 7	AS	EZ		E	
CRŌLR0994FC34	13- 504	BN	HZ	N	E	
CSFTZ1866FC31	37- 8	AY	FQ		E	
CSFTZ1888FC61	19- 8	AQ	EQ		E	
〃	20- 8	AQ	EQ		E	
CSFTZ1898FC51	31- 1	AX	FQ		E	
CSFTZ1901FC51	30- 142	AV	FG		E	
CSFTZ1921FC51	18- 56	AQ	EQ		E	
CSFTZ1976FC61	29- 14	AW	FG		E	
CSFTZ2390FC01	38- 39	AN	EQ	N	C	
CSFTZ2391FC01	38- 29	AM	EG	N	C	
〃	40- 14	AM	EG	N	C	
CSFTZ2393FC01	38- 41	AK	EB	N	C	
〃	39- 39	AK	EB	N	C	
CSFTZ2395FC01	39- 32	AN	EQ	N	C	
CSHEP3635FC32	45- 12	AP	EQ	N	E	
CSHEP3636FC31	45- 18	AP	EQ		E	
CSLi-0057FC32	4- 18	AF	DS		E	
〃	5- 26	AF	DS		E	
CSPRP2105FC01	4- 16	AQ	EQ		C	
CSTPF0327FC01	7- 14	AZ	FQ	N	D	
CSTPF0327FC02	7- 14	AZ	FQ	N	D	
CSTPF0327FC03	7- 14	AZ	FQ	N	D	
CSTYM0220FC01	8- 8	AT	EZ	N	C	
CTPE-0228FC31	41- 25	AU	EZ	N	E	
CVR-M0008FC31	41- 20	AW	FG	N	E	
CWiR-0103FC02	7- 78	AT	FQ		C	
CYŌK-0040FC03	52- 22	AX	FG		S	
【D】						
DHAi-2143FCZZ	16- 51	AH	DX		C	
DHAi-2144FCZZ	16- 101	AR	EQ		C	
DHAi-2149FCZZ	32- 1	AR	EZ		C	
DHAi-2150FCZZ	7- 25	AM	EG		C	
DHAi-2152FCZZ	13- 18	AH	DX		C	
DHAi-2153FCZZ	13- 18	AL	EG		C	
DHAi-2156FCZZ	11- 22	AL	EG		C	
DHAi-2158FCZZ	18- 28	AG	DX		C	
DHAi-2162FCZZ	19- 42	AR	EZ		C	
DHAi-2163FCZZ	20- 42	AQ	EQ		C	
DHAi-2174FCZZ	2- 33	AS	EZ		C	
DHAi-2176FCZZ	2- 28	AG	DX		C	
DHAi-2177FCZZ	2- 32	AE	DS		C	
DHAi-2179FCZZ	57- 1	AK	EB		C	
DHAi-2181FCZZ	46- 31	AG	DX		C	
DHAi-2182FCZZ	56- 1	AK	EB		C	
DHAi-2182FC11	56- 1	AK	EB		C	
DHAi-2184FCZZ	54- 1	AE	DS		C	
DHAi-2215FCZZ	17- 34	AL	EG		C	
DHAi-2216FCZZ	29- 32	AH	EB		C	
DHAi-2217FCZZ	34- 8	AK	EB		C	
DHAi-2218FCZZ	30- 79	AR	EZ		C	
DHAi-2219FCZZ	21- 28	AQ	EQ		C	
DHAi-2223FCZZ	4- 6	AS	EZ		C	
DHAi-2223FC11	4- 6	AS	EZ		C	
DHAi-2224FCZZ	4- 5	AD	DJ		C	
DHAi-2224FC11	4- 5	AD	DJ		C	
DHAi-2225FCZZ	4- 15	AX	FQ		C	
DHAi-2225FC11	4- 15	AX	FQ		C	
DHAi-2256FCZZ	17- 52	AE	DS		C	
DHAi-2270FCZZ	8- 44	AT	EZ		C	
〃	9- 65	AT	EZ		C	
DHAi-2272FCZZ	8- 40	AQ	EQ		C	
DHAi-2273FCZZ	8- 103	AP	EQ		C	
DHAi-2691FCZZ	16- 9	AN	EQ	N	C	
DHAi-2692FCZZ	16- 42	AQ	EQ	N	C	
DHAi-2694FCZZ	28- 13	AR	EQ	N	C	
DHAi-2695FCZZ	14- 12	AV	FG	N	C	
DHAi-2696FCZZ	31- 76	AN	EG	N	C	
DHAi-2697FCZZ	9- 42	BT	MW	N	C	
DHAi-2697FC11	9- 42	BT	NE	N	C	
DHAi-2698FCZZ	9- 45	BV	RB	N	C	
〃	10- 57	BV	RB	N	C	
DHAi-2698FC11	9- 45	BV	RB	N	C	
〃	10- 57	BV	RB	N	C	
DHAi-2699FCZZ	8- 51	BD	GN	N	C	
〃	9- 49	BD	GN	N	C	
DHAi-2699FC11	8- 51	BD	GN	N	C	
〃	9- 49	BD	GN	N	C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
DHAi-2699FC12	8- 51	BE	GN	N	C	
〃	9- 49	BE	GN	N	C	
DHAi-2700FCZZ	16- 68	AX	FG	N	C	
DHAi-2701FCZZ	22- 28	AY	FQ	N	C	
DHAi-2702FCZZ	13- 131	BD	GN	N	C	
DHAi-2702FC11	13- 131	BD	GN	N	C	
DHAi-2703FCZZ	11- 11	BA	FX	N	C	
DHAi-2704FCZZ	28- 11	AU	EZ	N	C	
DHAi-2705FCZZ	8- 64	AK	DX	N	C	
DHAi-2706FCZZ	31- 31	AU	EZ	N	C	
DHAi-2707FCZZ	30- 117	BF	GN	N	C	
DHAi-2708FCZZ	7- 1	BC	GD	N	C	
DHAi-2708FC11	7- 1	BB	FX	N	C	
DHAi-2709FCZZ	41- 19	AR	EQ	N	C	
DHAi-2710FCZZ	41- 33	AT	EZ	N	C	
DHAi-2711FCZZ	39- 5	AX	FG	N	C	
DHAi-2712FCZZ	40- 2	AQ	EQ	N	C	
DHAi-2713FCZZ	38- 16	AH	DX	N	C	
DHAi-2714FCZZ	9- 38	AH	DX	N	C	
DHAi-2715FCZZ	2- 27	AR	EQ	N	C	
DHAi-2716FCZZ	21- 79	BA	FX	N	C	
DHAi-2718FCZZ	15- 57	AT	EZ	N	C	
DHAi-2719FCZZ	8- 128	AP	EQ		C	
DHAi-2737FCZZ	57- 2	AE	DS	N	C	
DHAi-2747FCZZ	2- 22	AZ	FX	N	C	
DHAi-2747FC11	2- 22	AY	FQ	N	C	
DHAi-2747FC12	2- 22	BD	GN	N	C	
DHAi-2749FCZZ	10- 56	AV	FG	N	C	
DUNT-6614FC50	20- 901	BW	RR		E	
DUNT-6615FC50	19- 901	BX	TF		E	
DUNT-6616FC16	11- 901	BW	RR	N	E	
DUNT-6616FC17	11- 901	BX	RR	N	E	
DUNT-6619FC15	21- 901	CG	UM	N	E	
DUNT-6623FC11	16- 901	CQ	VJ	N	E	
DUNT-6860FCZZ	29- 901	CU	VW	N	E	
〃	30- 901	CU	VW	N	E	
〃	31- 901	CU	VW	N	E	
DUNT-6860FC11	29- 901	CU	VW	N	E	
〃	30- 901	CU	VW	N	E	
〃	31- 901	CU	VW	N	E	
DUNT-6860FC12	29- 901	CU	VW	N	E	
〃	30- 901	CU	VW	N	E	
〃	31- 901	CU	VW	N	E	
DUNT-6861FCZZ	47- 501	DN	**	N	E	
DUNT-6861FC11	47- 501	DN	**	N	E	
DUNT-6861FC12	47- 501	DN	**	N	E	
DUNT-6863FCZZ	42- 901	BP	LP	N	E	
DUNT-6864FCZZ	38- 901	CD	UD	N	E	
〃	39- 901	CD	UD	N	E	
〃	40- 901	CD	UD	N	E	
DUNT-6866FCZZ	1- 67	BY	TF	N	E	
〃	41- 901	BY	TF	N	E	
DUNT-6866FC11	1- 67	BY	TF	N	E	
〃	41- 901	BY	TF	N	E	
DUNT-6866FC12	1- 67	BY	TF	N	E	
〃	41- 901	BY	TF	N	E	
DUNT-6867FCZZ	22- 901	CD	UF	N	E	
DUNT-6867FC11	22- 901	CD	UD	N	E	
DUNTW6859FCZZ	13- 901	CW	VZ	N	E	
DUNTW6859FC11	13- 901	CW	VZ	N	E	
DUNTW6859FC12	13- 901	CW	VZ	N	E	
DUNTW6859FC13	13- 901	CW	VZ	N	E	
DUNTW6859FC14	13- 901	CW	VZ	N	E	
DUNTW6859FC15	13- 901	CW	VZ	N	E	
DUNTW6859FC16	13- 901	CW	VZ	N	E	
DUNTW6859FC17	13- 901	CW	VZ	N	E	
DWiR-0466CSZZ	45- 5	BG	HC		B	
DWiR-0467CSZZ	44- 4	BU	RJ		B	
【G】						
GCAB-0765FCZ1	1- 37	BF	GT		D	
GCAB-0767FCZ1	1- 52	BF	GT		D	
GCAB-0771FCZZ	1- 3	AU	FG		D	
GCAB-0772FCZZ	1- 4	BC	GJ		D	
GCAB-0775FCZZ	1- 23	BA	GD		D	
GCAB-0777FCZZ	1- 19	AZ	FX		D	
〃	3- 12	AZ	FX		D	
GCAB-0778FCZZ	1- 2	BE	GN		D	
GCAB-0781FCZ1	23- 6	BK	HR		D	
GCAB-0782FCZ2	23- 32	BN	LE	N	D	
GCAB-0817FCZZ	1- 19	AZ	FX		D	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
GCAB-0817FCZZ	3- 12	AZ	FX		D	
GCAB-0868FCZZ	1- 13	BS	MJ	N	D	
GCAB-0869FCZZ	1- 38	BF	GN	N	D	
GCAB-0870FCZZ	1- 41	BF	GN	N	D	
GCAB-0870FCZ1	1- 41	BF	GN	N	D	
GCAB-0871FCZ1	1- 46	BH	GX	N	D	
GCAB-0872FCZZ	1- 15	BD	GJ	N	D	
GDAi-0163FCZ1	2- 46	BF	GT		C	
GLEGM0060FCZZ	8- 76	AY	FQ		C	
〃	10- 14	AY	FQ		C	
【H】						
HDALP0012FCZZ	13- 166	AE	DJ	N	D	
HiNDP0680FCZZ	2- 1	AQ	EQ	N	D	
HiNDP0681FCZZ	2- 1	AQ	EQ	N	D	
HiNDP0682FCZZ	2- 1	AQ	EQ	N	D	
HiNDP0683FCZZ	2- 1	AQ	EQ	N	D	
HiNDP0684FCZZ	2- 1	AQ	EQ	N	D	
HiNDP0685FCZZ	2- 1	AQ	EQ	N	D	
HiNDP0686FCZZ	2- 1	AQ	EQ	N	D	
HiNDP0692FCZZ	2- 2	AX	FG	N	D	
HiNDP0693FCZZ	2- 2	AX	FG	N	D	
HiNDP0694FCZZ	2- 2	AX	FG	N	D	
HiNDP0695FCZZ	2- 2	AX	FG	N	D	
HiNDP0696FCZZ	2- 2	AX	FG	N	D	
HiNDP0697FCZZ	2- 2	AX	FG	N	D	
HiNDP0698FCZZ	2- 2	AX	FG	N	D	
HiNDP0699FCZZ	2- 3	AY	FQ	N	D	
HiNDP0700FCZZ	2- 3	AY	FQ	N	D	
HiNDP0701FCZZ	2- 3	AY	FQ	N	D	
HiNDP0702FCZZ	2- 3	AY	FQ	N	D	
HiNDP0703FCZZ	2- 3	AY	FQ	N	D	
HiNDP0704FCZZ	2- 3	AY	FQ	N	D	
HiNDP0705FCZZ	2- 3	AY	FQ	N	D	
HPNLC0212FCZ3	1- 27	AL	EB	N	D	
〃	2- 7	AL	EB	N	D	
【J】						
JBTN-0160FCZZ	2- 16	AG	DX		C	
JBTN-0161FCZZ	2- 8	AF	DS		C	
JBTN-0162FCZZ	23- 3	AD	DS		C	
JHNDP0096FCGZ	30- 26	AD	DJ		C	
JHNDP0117FCZZ	8- 86	AT	EZ		C	
JHNDP0118FCZ1	15- 40	AH	EB		C	
JHNDP0119FCZZ	29- 52	AW	FG		C	
JKNBP0045FCG1	13- 34	AE	DS		C	
JKNBP0121FCZZ	1- 54	AE	DS		C	
〃	16- 201	AE	DS		C	
〃	17- 4	AE	DS		C	
JKNBP0127FCZZ	2- 57	AE	DJ		C	
【L】						
LANGT1290FCZZ	7- 81	AD	DJ		C	
LANGT1306FCZ1	14- 16	AE	DS		C	
LANGT1354FCZ2	23- 8	AL	EB	N	C	
LANGT1362FCZ1	6- 4	AF	DS		C	
〃	7- 9	AF	DS		C	
LANGT1368FCZZ	29- 26	AE	DS		C	
LANGT1369FCZZ	29- 29	AF	DX		C	
LANGT1370FCZZ	29- 31	AS	EZ		C	
LANGT1371FCZZ	29- 12	AE	DS		C	
LANGT1372FCZZ	1- 48	AS	EZ		C	
LANGT1373FCZZ	23- 18	AH	DX		C	
LANGT1374FCZZ	23- 15	AE	DS		C	
LANGT1379FCZZ	7- 81	AE	DS		C	
LANGT1383FCZZ	14- 57	AE	DJ		C	
LANGT1389FCZZ	14- 19	AD	DJ	N	C	
LANGT1392FCZZ	11- 4	AH	DX	N	C	
LBNDJ0002FCZZ	7- 67	AA	DD		C	
〃	16- 99	AA	DD		C	
〃	30- 179	AA	DD		C	
〃	31- 77	AA	DD		C	
LBNDJ0010FCZZ	16- 41	AB	DD		C	
〃	21- 29	AB	DD		C	
〃	30- 75	AB	DD		C	
〃	34- 13	AB	DD		C	
LBNDJ0013FCZZ	11- 54	AA	DD		C	
〃	19- 24	AA	DD		C	
〃	20- 24	AA	DD		C	
LBNDJ0013FCZ1	16- 10	AA	DJ		C	
〃	30- 89	AA	DJ		C	
〃	38- 17	AA	DJ		C	
〃	40- 11	AA	DJ		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
LBNDJ0026FCZZ	13- 169	AA	DD		C	
LBNDJ0043FCZZ	2- 52	AA	DD		C	
〃	8- 37	AA	DD		C	
〃	16- 52	AA	DD		C	
〃	22- 32	AA	DD		C	
〃	30- 110	AA	DD		C	
〃	34- 11	AA	DD		C	
LBNDJ0043FCZ1	46- 10	AA	DJ		C	
LBNDJ2003SCZZ	7- 97	AA	DD		C	
〃	21- 27	AA	DD		C	
〃	32- 2	AA	DD		C	
LBŌSZ1455FCZZ	8- 69	AG	DX		C	
LBŌSZ1462FCZZ	10- 8	AK	EB		C	
LBŌSZ1475FCZZ	13- 13	AK	EB		C	
LBŌSZ1498FCZZ	13- 17	AK	EB		C	
LBŌSZ1515FCZZ	21- 103	AF	DX		C	
LBŌSZ1805FCZZ	42- 1	AE	DJ	N	C	
LBŌSZ1844FCZZ	42- 15	AE	DJ	N	C	
LBRC-0051FCZZ	21- 20	AG	DX		C	
LBRC-0052FCZZ	23- 16	AH	DX		C	
LBSHC0058FCZZ	7- 98	AA	DD		C	
LBSHC0161FCZZ	37- 18	AB	DD		C	
LBSHC0163FCZZ	10- 41	AB	DD		C	
LBSHC0185FCZZ	7- 113	AA	DD		C	
LBSHC0252FCZZ	7- 101	AB	DD		C	
〃	10- 42	AB	DD		C	
LBSHC0291FCZZ	30- 23	AB	DJ		C	
LBSHC0293FCZZ	2- 23	AB	DJ		C	
LBSHC0305FCZ1	32- 17	AC	DJ		C	
LBSHC0322FCZZ	7- 112	AD	DJ	N	C	
LBSHC0323FCZZ	34- 14	AD	DJ		C	
LBSHC0334FCZZ	13- 113	AT	EZ		C	
LBSHC0339FCZZ	27- 34	AC	DJ	N	C	
LBSHC2018SCZZ	8- 39	AC	DD		C	
LBSHC2041SCZZ	34- 10	AA	DD		C	
LBSHZ1102CCZZ	3- 5	AC	DD		C	
LBSHZ2030SCZZ	2- 29	AB	DD		C	
LBSHZ2052SCZZ	7- 108	AC	DD		C	
LBSHZ2322RCZZ	30- 120	AB	DD		C	
LCHSM0061FCZZ	8- 122	AN	EG	N	C	
LCHSM0064FCZZ	8- 121	AT	EZ	N	C	
LDAiU0208FCZZ	11- 40	AD	DJ		C	
LDAiU0450FCZZ	16- 128	AB	DD		C	
〃	17- 5	AB	DD		C	
LDAiU0466FCZ2	14- 1	AH	DX	N	C	
LDAiU0466FCZ3	14- 1	AH	DX	N	C	
LDAiU0467FCZZ	14- 3	AG	DX		C	
LDAiU0478FCZZ	37- 17	AP	EQ		C	
LDAiU0481FCZ1	30- 174	AD	DJ	N	C	
LDAiU0547FCZZ	14- 8	AY	FQ	N	C	
LDAiU0553FCZZ	42- 18	AY	FQ	N	C	
LDAiU0554FCZZ	42- 24	AW	FG	N	C	
LDAiU0564FCZZ	22- 73	AF	DS	N	C	
LFiX-0016FCZZ	46- 15	AD	DJ		C	
LFiX-0084FCZZ	46- 15	AC	DD		C	
LFiX-0233FCZ1	13- 36	AB	DD		C	
LFiX-0235FCZZ	13- 133	AC	DD		C	
〃	17- 49	AC	DD		C	
LFiX-0254FCZZ	5- 9	AC	DD		C	
LFiX-0284FCZZ	5- 31	AC	DD		C	
LFiX-0301FCZZ	5- 15	AB	DD		C	
LFiX-0371FCZZ	19- 12	AB	DD		C	
〃	20- 12	AB	DD		C	
LFiX-0408FCZZ	7- 41	AB	DD		C	
LFiX-0450FCZZ	13- 143	AD	DJ		C	
LFiX-0451FCZ1	1- 20	AN	EQ		C	
LFiX-0498FCZZ	31- 8	AC	DJ		C	
LFiX-0499FCZZ	30- 147	AD	DJ		C	
LFRM-0760FCZ1	29- 38	BA	FX		C	
LFRM-0761FCZ1	30- 145	AZ	FX		C	
LFRM-0763FCZZ	30- 105	AH	DX		C	
LFRM-0764FCZZ	30- 103	AG	DX		C	
LFRM-0765FCZZ	30- 13	AE	DS		C	
LFRM-0768FCZZ	32- 21	AK	EB		C	
LFRM-0769FCZZ	32- 34	AK	EB		C	
LFRM-0770FCZ2	11- 53	BA	FX		C	
LFRM-0771FCZZ	11- 12	AU	FG		C	
LFRM-0788FCZ2	17- 16	AS	EQ		C	
LFRM-0789FCZ2	17- 43	AS	EQ		C	
LFRM-0790FCZZ	17- 18	AW	FG		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
LHLDW0006SCZZ	14- 67	AB	DD		C	
〃	35- 12	AB	DD		C	
LHLDW0024HCZZ	9- 3	AC	DD		C	
LHLDW0323FCZZ	13- 95	AE	DJ		C	
LHLDW0429FCZZ	9- 61	AB	DD		C	
LHLDW0497FCZZ	4- 27	AB	DD		C	
LHLDW0895FCZZ	9- 63	AC	DD		C	
〃	30- 116	AC	DD		C	
LHLDW0898FCZZ	28- 60	AA	DD		C	
LHLDW0910FCZZ	13- 155	AB	DD		C	
LHLDW1009ACZZ	17- 24	AA	DD		C	
LHLDW1013FCZZ	11- 9	AB	DD		C	
〃	21- 63	AB	DD		C	
〃	22- 64	AB	DD		C	
〃	24- 31	AB	DD		C	
〃	34- 12	AB	DD		C	
〃	38- 19	AB	DD		C	
〃	40- 27	AB	DD		C	
LHLDW1152FCZZ	13- 19	AC	DJ		C	
〃	13- 139	AC	DJ		C	
LHLDW1154FCZZ	9- 47	AC	DJ		C	
〃	9- 62	AC	DJ		C	
〃	10- 53	AC	DJ		C	
〃	13- 154	AC	DJ		C	
〃	24- 28	AC	DJ		C	
LHLDW1155FCZZ	13- 154	AC	DJ		C	
LHLDW1156FCZZ	13- 103	AE	DS		C	
LHLDW1157FCZZ	16- 109	AB	DJ		C	
LHLDW1263FCZZ	14- 9	AC	DJ		C	
〃	16- 97	AC	DJ		C	
LHLDW1301FCZZ	27- 35	AD	DJ		C	
LHLDW1345FCZZ	1- 14	AC	DJ		C	
LHLDW2047SCZZ	9- 6	AA	DD		C	
〃	28- 57	AA	DD		C	
〃	30- 139	AA	DD		C	
LHLDW2085SCZZ	34- 9	AA	DD		C	
LHLDW2106SCZZ	28- 55	AB	DD		C	
LHLDW7003XCZZ	13- 74	AB	DD		C	
LHLDW7011XCZZ	16- 67	AB	DD		C	
〃	30- 128	AB	DD		C	
LHLDZ0633FCZZ	12- 1	AC	DD		C	
LHLDZ0831FCZZ	5- 8	AF	DS		C	
LHLDZ0932FCYZ	43- 11	AD	DJ		C	
LHLDZ0985FCZZ	15- 68	AD	DJ		C	
LHLDZ0988FCZZ	11- 46	AE	DS		C	
LHLDZ1085FCZZ	3- 1	AD	DJ		C	
LHLDZ1123FCZZ	37- 11	AG	DX		C	
LHLDZ1125FCZZ	13- 31	AE	DS		C	
LHLDZ1126FCZZ	13- 136	AE	DS		C	
LHLDZ1127FCZ2	13- 5	AW	FG	N	C	
LHLDZ1128FCZZ	43- 12	AN	EQ		C	
LHLDZ1129FCZZ	43- 6	AK	EB		C	
LHLDZ1130FCZZ	28- 15	AK	EB		C	
LHLDZ1133FCZZ	44- 3	AE	DS		C	
LHLDZ1134FCZZ	44- 6	AE	DS		C	
LHLDZ1135FCZZ	28- 40	AK	EB		C	
LHLDZ1136FCZZ	15- 35	AC	DJ		C	
LHLDZ1150FCZZ	4- 14	AH	DX		C	
LHLDZ1174FCZZ	18- 69	AC	DJ		C	
LHLDZ1331FCZZ	41- 35	AF	DS	N	C	
LHLDZ1333FCZZ	40- 39	AN	EG	N	C	
LHLDZ1338FCZZ	15- 51	AY	FQ	N	C	
LHLDZ1339FCZZ	15- 27	AQ	EQ	N	C	
LHLDZ1340FCZZ	15- 74	AQ	EQ	N	C	
LHLDZ1348FCZZ	45- 7	AP	EQ	N	C	
LHLDZ1349FCZZ	45- 4	AS	EZ	N	C	
LPFTF0011FCZZ	12- 3	AE	DS		C	
LPFTF0026FCZZ	7- 73	AG	DS		C	
LPFTF0069FCZZ	26- 32	AD	DJ		C	
LPiNS0075FCZZ	27- 22	AB	DD		C	
LPiNS0096FCZZ	15- 66	AB	DD		C	
〃	16- 127	AB	DD		C	
〃	17- 6	AB	DD		C	
〃	19- 7	AB	DD		C	
〃	20- 7	AB	DD		C	
〃	24- 9	AB	DD		C	
〃	25- 13	AB	DD		C	
〃	26- 11	AB	DD		C	
〃	27- 16	AB	DD		C	
〃	28- 26	AB	DD		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
LPiNS0096FCZZ	29- 30	AB	DD		C	
〃	30- 31	AB	DD		C	
〃	31- 2	AB	DD		C	
LPiNS0133FCZZ	14- 33	AA	DD		C	
〃	30- 62	AA	DD		C	
〃	37- 4	AA	DD		C	
LPiNS0155FCZZ	13- 68	AA	DD		C	
〃	15- 17	AA	DD		C	
〃	16- 13	AA	DD		C	
〃	17- 44	AA	DD		C	
〃	21- 55	AA	DD		C	
〃	25- 9	AA	DD		C	
〃	26- 28	AA	DD		C	
〃	28- 6	AA	DD		C	
〃	29- 3	AA	DD		C	
〃	30- 61	AA	DD		C	
〃	32- 33	AA	DD		C	
〃	38- 45	AA	DD		C	
〃	39- 34	AA	DD		C	
〃	40- 50	AA	DD		C	
LPiNS0157FCZZ	21- 62	AB	DD		C	
〃	22- 53	AB	DD		C	
LPiNS0165FCZZ	15- 73	AB	DD		C	
〃	18- 14	AB	DD		C	
〃	38- 8	AB	DD		C	
〃	39- 18	AB	DD		C	
〃	40- 22	AB	DD		C	
LPiNS0197FCZZ	21- 94	AA	DD		C	
LPiNS0236FCZZ	24- 8	AA	DD		C	
LPiNS0241FCZZ	6- 12	AA	DD		C	
LPiNS0263FCZZ	22- 38	AD	DJ		C	
〃	40- 41	AD	DJ		C	
LPiNS0266FCZZ	1- 11	AG	DX		C	
LPiNS0268FCZZ	24- 24	AB	DJ		C	
〃	25- 3	AB	DJ		C	
〃	26- 3	AB	DJ		C	
〃	27- 7	AB	DJ		C	
LPiNS0269FCZZ	30- 131	AA	DJ		C	
LPiNS0286FCZZ	30- 178	AB	DJ		C	
LPiNS0288FCZZ	21- 127	AB	DJ		C	
LPiNS0292FCZZ	24- 3	AB	DJ		C	
〃	26- 8	AB	DJ		C	
〃	27- 4	AB	DJ		C	
〃	29- 27	AB	DJ		C	
LPLTM1828FCZ5	17- 17	AN	EQ	N	C	
LPLTM2196FCZZ	4- 17	AB	DD		C	
LPLTM3353FCZZ	19- 28	AL	EB		C	
〃	20- 28	AL	EB		C	
LPLTM3415FCZZ	1- 33	AE	DS		C	
LPLTM3581FCZZ	37- 22	AD	DJ		C	
LPLTM3777FCZZ	1- 5	AB	DD		C	
LPLTM4124FCZZ	4- 2	AC	DJ		C	
LPLTM4212FCZ3	2- 26	AR	EQ		C	
LPLTM4213FCZZ	2- 44	AE	DS		C	
LPLTM4218FCZZ	8- 28	AT	EZ		C	
LPLTM4223FCZZ	47- 58	AG	DX		C	
LPLTM4224FCZZ	10- 1	AF	DS		C	
LPLTM4226FCZZ	8- 12	AM	EQ		C	
LPLTM4228FCZZ	8- 127	BB	GJ		C	
LPLTM4229FCZZ	8- 102	AG	DX		C	
〃	10- 10	AG	DX		C	
LPLTM4230FCZZ	10- 9	AF	DX		C	
LPLTM4231FCZ1	10- 11	AG	DX		C	
LPLTM4233FCZZ	28- 54	AM	EQ		C	
LPLTM4234FCZZ	10- 2	AF	DS		C	
〃	28- 50	AF	DS		C	
LPLTM4236FCZZ	28- 3	AE	DS		C	
LPLTM4240FCZ1	26- 15	AH	DX		C	
LPLTM4241FCZZ	26- 19	AK	EB		C	
LPLTM4246FCZ1	25- 15	AL	EB		C	
LPLTM4261FCZZ	16- 20	AE	DS		C	
LPLTM4262FCZZ	16- 102	AE	DS		C	
LPLTM4267FCZZ	16- 108	AF	DX		C	
LPLTM4272FCZZ	31- 30	AL	EG		C	
LPLTM4273FCZ2	31- 16	AK	EB		C	
LPLTM4274FCZ2	31- 15	AK	EB		C	
LPLTM4277FCZZ	31- 32	AK	EB		C	
LPLTM4278FCZZ	30- 49	AR	EQ		C	
LPLTM4280FCZZ	30- 149	AD	DS		C	
LPLTM4283FCZZ	30- 77	AK	EB		C	
LPLTM4284FCZZ	30- 76	AH	DX		C	
LPLTM4285FCZZ	30- 2	AE	DS		C	
LPLTM4286FCZ1	30- 12	AE	DS		C	
LPLTM4287FCZ1	30- 5	AD	DS		C	
LPLTM4289FCZZ	13- 105	AR	EQ		C	
LPLTM4290FCZZ	13- 72	AE	DS		C	
LPLTM4292FCZZ	8- 3	AQ	EQ		C	
LPLTM4296FCZZ	32- 26	AF	DX		C	
LPLTM4299FCZZ	10- 25	AE	DS		C	
LPLTM4300FCZZ	10- 27	AP	EQ		C	
LPLTM4302FCZZ	12- 7	AF	DX		C	
LPLTM4303FCZZ	18- 3	AM	EQ		C	
LPLTM4306FCZZ	18- 47	AE	DS		C	
LPLTM4307FCZZ	43- 3	AP	EQ		C	
LPLTM4308FCZZ	43- 14	AN	EQ		C	
LPLTM4315FCZZ	34- 5	AX	FQ		C	
LPLTM4318FCZZ	5- 28	AC	DJ		C	
LPLTM4320FCZZ	7- 84	AE	DS		C	
LPLTM4322FCZZ	7- 32	AD	DJ		C	
LPLTM4324FCZZ	6- 6	AD	DS		C	
〃	7- 100	AD	DS		C	
LPLTM4329FCZ2	22- 25	AX	FG	N	C	
LPLTM4336FCZZ	22- 29	AF	DX		C	
LPLTM4340FCZ1	22- 21	AK	DX	N	C	
LPLTM4341FCZZ	21- 2	AE	DS		C	
〃	22- 11	AE	DS		C	
LPLTM4342FCZZ	21- 56	AU	FG		C	
LPLTM4345FCZZ	21- 80	AF	DX		C	
LPLTM4346FCZZ	10- 16	AH	DX		C	
LPLTM4347FCZZ	8- 17	AT	EZ		C	
LPLTM4348FCZZ	8- 15	AP	EQ		C	
LPLTM4349FCZZ	21- 7	AD	DJ		C	
LPLTM4350FCZZ	21- 8	AD	DJ		C	
LPLTM4398FCZZ	30- 47	AL	EG		C	
LPLTM4399FCZZ	13- 26	AM	EG		C	
LPLTM4407FCZZ	1- 51	AE	DS		C	
〃	13- 89	AE	DS		C	
〃	23- 13	AE	DS		C	
LPLTM4409FCZZ	30- 24	AD	DS		C	
LPLTM4411FCZZ	10- 3	AH	DX		C	
LPLTM4412FCZZ	21- 84	AE	DS		C	
〃	22- 33	AE	DS		C	
LPLTM4414FCZZ	10- 33	AK	EB		C	
LPLTM4423FCZZ	1- 25	AB	DJ		C	
LPLTM4424FCZZ	29- 36	AD	DS		C	
LPLTM4426FCZZ	30- 114	AE	DS		C	
LPLTM4427FCZZ	29- 23	AF	DX		C	
LPLTM4429FCZZ	8- 89	AC	DJ		C	
LPLTM4430FCZZ	13- 22	AC	DJ		C	
LPLTM4431FCZZ	13- 142	AC	DJ		C	
LPLTM4433FCZZ	8- 81	AF	DX		C	
LPLTM4437FCZZ	10- 40	AH	DX		C	
LPLTM4441FCZZ	10- 21	AH	DX		C	
LPLTM4444FCZZ	4- 9	AF	DX		C	
LPLTM4445FCZZ	4- 3	AG	DX		C	
LPLTM4446FCZZ	23- 9	AD	DJ		C	
〃	37- 45	AD	DJ		C	
LPLTM4458FCZZ	9- 7	AG	DX		C	
〃	28- 58	AG	DX		C	
LPLTM4459FCZZ	16- 126	AC	DJ		C	
LPLTM4462FCZZ	10- 13	AG	DX		C	
LPLTM4474FCZZ	19- 61	AC	DJ		C	
〃	20- 53	AC	DJ		C	
LPLTM4493FCZZ	9- 27	AK	EB		C	
LPLTM4515FCZZ	37- 38	AC	DJ		C	
LPLTM4516FCZ1	37- 37	AD	DJ		C	
LPLTM4521FCZZ	8- 49	AR	EQ		C	
LPLTM4526FCZZ	4- 4	AE	DS		C	
LPLTM4527FCZZ	8- 43	AU	FG		C	
LPLTM4528FCZZ	8- 36	AV	FG		C	
LPLTM4540FCZZ	7- 61	AD	DJ		C	
LPLTM4869FCZ1	14- 49	AN	EG	N	C	
LPLTM5033FCZZ	21- 131	AG	DS	N	C	
LPLTM5132FCZZ	31- 73	AE	DJ	N	C	
LPLTM5138FCZZ	8- 59	BB	GD	N	C	
LPLTM5140FCZ1	46- 13	AZ	FQ	N	C	
LPLTM5142FCZZ	8- 85	AT	EZ	N	C	
LPLTM5143FCZZ	8- 66	AK	EB	N	C	
LPLTM5144FCZZ	8- 58	AZ	FQ	N	C	
LPLTM5145FCZZ	8- 120	AE	DS	N	C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
LPLTM5146FCZZ	9- 14	AQ	EQ	N	C	
LPLTM5147FCZZ	9- 32	AU	EZ	N	C	
LPLTM5148FCZZ	27- 31	AU	EZ	N	C	
LPLTM5150FCZZ	24- 29	AR	EQ	N	C	
LPLTM5152FCZZ	16- 7	AD	DJ	N	C	
LPLTM5153FCZZ	16- 85	AD	DJ	N	C	
LPLTM5154FCZZ	16- 96	AG	DX	N	C	
LPLTM5218FCZZ	42- 7	AH	DX	N	C	
LPLTM5219FCZZ	42- 10	AH	DX	N	C	
LPLTM5220FCZZ	42- 5	AS	EQ	N	C	
LPLTM5222FCZZ	8- 124	AD	DJ	N	C	
LPLTM5223FCZZ	8- 61	AH	DX	N	C	
LPLTM5224FCZZ	8- 118	AL	EB	N	C	
LPLTM5225FCZZ	9- 33	AF	DS	N	C	
LPLTM5226FCZZ	31- 75	AD	DJ	N	C	
LPLTM5227FCZZ	13- 157	AH	DX	N	C	
LPLTM5228FCZZ	22- 67	AU	EZ	N	C	
LPLTM5233FCZZ	40- 44	AF	DS	N	C	
LPLTM5234FCZZ	39- 7	AG	DX	N	C	
LPLTM5241FCZZ	21- 134	AE	DS	N	C	
LPLTM5242FCZZ	10- 58	AH	DX	N	C	
LPLTM5243FCZZ	9- 57	AG	DS	N	C	
LPLTM5251FCZ1	13- 85	AF	DS	N	C	
LPLTM5274FCZZ	22- 4	AK	DX	N	C	
LPLTM5275FCZZ	22- 7	AK	DX	N	C	
LPLTM5277FCZZ	41- 21	AP	EQ	N	C	
LPLTM5278FCZZ	41- 30	AE	DJ	N	C	
LPLTM5283FCZZ	15- 42	AH	DX	N	C	
LPLTM5286FCZZ	30- 191	AH	DX		C	
LPLTM5295FCZZ	13- 20	AE	DS	N	C	
LPLTM5296FCZZ	13- 117	AE	DS	N	C	
LPLTM5303FCZZ	30- 113	AH	DX		C	
LPLTM5305FCZZ	9- 37	AH	DX	N	C	
LPLTM5306FCZZ	13- 149	AH	DX	N	C	
LPLTP2926FCZZ	21- 60	AF	DS		C	
〃	22- 68	AF	DS		C	
LPLTP4025FCZZ	7- 62	AK	EB		C	
LPLTP4372FCZZ	30- 94	AD	DJ		C	
LPLTP4373FCZZ	15- 33	AD	DS		C	
LPLTP4376FCZZ	7- 34	AD	DS		C	
LPLTP4377FCZZ	7- 20	AD	DJ		C	
LPLTP4378FCZZ	7- 57	AM	EG		C	
LPLTP4380FCZZ	21- 31	AU	FG		C	
LPLTP4413FCZ1	21- 13	AF	DS		C	
LPLTP4512FCZZ	18- 72	AD	DJ		C	
LPLTP5130FCZZ	31- 24	AP	EQ	N	C	
LPLTP5131FCZZ	31- 23	AP	EQ	N	C	
LPLTP5221FCZZ	42- 26	AG	DX	N	C	
LPLTP5230FCZZ	38- 34	AD	DJ	N	C	
LPLTP5231FCZZ	38- 21	AD	DJ	N	C	
LPLTP5235FCZZ	40- 19	AE	DJ	N	C	
LPLTP5281FCZZ	15- 41	AE	DJ	N	C	
LPLTP5282FCZZ	15- 43	AE	DJ	N	C	
LPLTZ5304FCZZ	15- 46	AW	FG	N	C	
LRALM0112FCZZ	8- 4	AZ	FX		C	
LRALM0114FCZ2	7- 28	AK	EB		C	
LRALP0141FCZZ	41- 26	AE	DS	N	C	
LRALP0142FCZZ	41- 29	AE	DS	N	C	
LSŌU-0054FCG4	52- 1	AZ	FX		C	
LSŌU-0109FCZ2	31- 53	BD	GN		C	
LSŌU-0111FCZ3	21- 10	BA	FX		C	
LSŌU-0112FCZ1	21- 100	BE	GN		C	
LSŌU-0154FCZZ	41- 8	AY	FQ	N	C	
LSŌU-0155FCZZ	41- 28	AU	EZ	N	C	
LSŌU-0156FCZ1	22- 12	AX	FG	N	C	
LSTPF0288FCZ1	11- 26	AK	DX		C	
LSTPF0290FCZZ	21- 88	AF	DX		C	
〃	22- 41	AF	DX		C	
LSTPP0279FCZZ	16- 59	AB	DD		C	
〃	30- 56	AB	DD		C	
〃	38- 28	AB	DD		C	
〃	39- 6	AB	DD		C	
〃	40- 7	AB	DD		C	
〃	41- 2	AB	DD		C	
LSTPP0291FCZZ	18- 10	AD	DJ		C	
LSTPP0292FCZZ	18- 11	AC	DJ		C	
LSTPP0293FCZZ	14- 2	AC	DJ		C	
LSTPP0332FCZZ	42- 2	AG	DS	N	C	
LSTPP0334FCZZ	42- 16	AF	DS	N	C	
LSTPP0337FCZZ	11- 68	AG	DS	N	C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
LSTPT0058FCZZ	13- 35	AC	DD		C	
〃	27- 36	AC	DD		C	
LSTPZ0296FCZZ	10- 19	AG	DX		C	
LSTYM0192FCZZ	8- 6	AP	EQ		C	
LSTYM0193FCZZ	16- 47	AN	EQ		C	
LSTYM0195FCZ1	30- 111	AN	EQ		C	
LSTYM0196FCZZ	30- 104	AV	FG		C	
LSTYM0197FCZZ	13- 110	AN	EQ		C	
LSTYM0198FCZ1	13- 123	AV	FG		C	
LSTYM0199FCZ1	11- 37	AV	FG	N	C	
LSTYM0200FCZZ	11- 15	AQ	EQ		C	
LSTYM0201FCZZ	11- 27	AP	EQ		C	
LSTYM0203FCZZ	13- 109	AP	EQ		C	
LSTYM0206FCZZ	16- 82	AS	EZ		C	
LSUPP0060FCZZ	9- 15	AA	DD		C	
〃	37- 20	AA	DD		C	
〃	46- 2	AA	DD		C	
LSUPP0076FCZZ	9- 48	AA	DD		C	
〃	46- 11	AA	DD		C	
LSUPP0079FCZZ	2- 18	AA	DJ		C	
LX-BZ0021FCZZ	21- 91	AA	DD		C	
LX-BZ0039FCZZ	16- 121	AB	DD		C	
LX-BZ0049FCZZ	24- 15	AB	DD		C	
LX-BZ0082FCZZ	23- 22	AA	DD		C	
LX-BZ0108FCZZ	37- 27	AC	DD		C	
LX-BZ0137FCZZ	10- 48	AB	DD		C	
LX-BZ0140FCZZ	39- 13	AB	DD		C	
〃	40- 36	AB	DD		C	
LX-BZ0148FCZZ	13- 30	AA	DD		C	
〃	22- 1	AA	DD		C	
LX-BZ0156FCZZ	8- 93	AA	DD		C	
LX-BZ0163FCZZ	19- 23	AB	DD		C	
〃	20- 23	AB	DD		C	
〃	22- 43	AB	DD		C	
〃	30- 165	AB	DD		C	
LX-BZ0184FCZZ	23- 17	AB	DD		C	
LX-BZ0187FCZZ	15- 32	AA	DD		C	
LX-BZ0222FCZZ	7- 10	AA	DD		C	
〃	13- 23	AA	DD		C	
〃	21- 34	AA	DD		C	
LX-BZ0241FCZZ	11- 30	AA	DD		C	
LX-BZ0250FCZZ	10- 29	AA	DD		C	
LX-BZ0260FCZZ	7- 30	AA	DD		C	
〃	16- 143	AA	DD		C	
〃	18- 74	AA	DD		C	
〃	21- 5	AA	DD		C	
LX-BZ0266FCZZ	8- 87	AB	DD		C	
〃	13- 46	AB	DD		C	
〃	23- 10	AB	DD		C	
LX-BZ0267FCZZ	13- 21	AB	DD		C	
LX-BZ0277FCZZ	43- 21	AB	DD		C	
〃	45- 21	AB	DD		C	
LX-BZ0280FCZZ	11- 45	AC	DJ		C	
LX-BZ0281FCZZ	28- 12	AB	DD		C	
LX-BZ0285FCZZ	21- 6	AB	DD		C	
LX-BZ0293FCZZ	21- 70	AA	DD		C	
〃	31- 13	AA	DD		C	
LX-BZ0295FCZ1	30- 37	AC	DJ		C	
LX-BZ0299FCZZ	11- 73	AA	DD		C	
LX-BZ0319FCZZ	8- 38	AC	DD		C	
〃	8- 104	AC	DD		C	
〃	13- 47	AC	DD		C	
LX-BZ0320FCZZ	17- 9	AA	DD		C	
LX-BZ0332FCZZ	1- 21	AA	DD		C	
LX-BZ0334FCZZ	13- 9	AA	DD		C	
〃	18- 1	AA	DD		C	
LX-BZ0335FCZZ	11- 47	AA	DD		C	
〃	22- 34	AA	DD		C	
LX-BZ0339FCZZ	4- 19	AA	DD		C	
〃	5- 25	AA	DD		C	
LX-BZ0353FCZZ	21- 30	AA	DD		C	
LX-BZ0355FCZZ	5- 29	AB	DD		C	
LX-BZ0373FCZZ	11- 35	AA	DD		C	
LX-BZ0380FCZZ	15- 23	AB	DD		C	
LX-BZ0382FCZZ	11- 28	AA	DD		C	
LX-BZ0397FCZZ	5- 14	AA	DD		C	
LX-BZ0406FCZZ	16- 146	AA	DD		C	
LX-BZ0465FCZZ	16- 48	AA	DD		C	
〃	22- 22	AA	DD		C	
〃	30- 16	AA	DD		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
LX-BZ0465FCZZ	41- 23	AA	DD		C	
LX-BZ0469FCZZ	1- 49	AB	DD		C	
LX-BZ0486FCZZ	52- 23	AD	DJ		C	
LX-BZ0488FCZZ	13- 158	AA	DD		C	
LX-BZ0489FCZZ	13- 92	AB	DD		C	
〃	52- 24	AB	DD		C	
LX-BZ0495FCZZ	30- 48	AC	DD		C	
LX-BZ0502FCZZ	12- 6	AA	DD		C	
〃	43- 10	AA	DD		C	
LX-BZ0503FCZZ	7- 111	AA	DD		C	
〃	10- 32	AA	DD		C	
〃	29- 6	AA	DD		C	
〃	31- 46	AA	DD		C	
LX-BZ0510FCZZ	9- 43	AB	DD		C	
〃	10- 47	AB	DD		C	
LX-BZ0527FCZZ	1- 31	AA	DD		C	
〃	8- 26	AA	DD		C	
〃	9- 10	AA	DD		C	
〃	11- 16	AA	DD		C	
〃	13- 24	AA	DD		C	
〃	16- 16	AA	DD		C	
〃	19- 59	AA	DD		C	
〃	21- 81	AA	DD		C	
〃	22- 1	AA	DD		C	
〃	22- 26	AA	DD		C	
〃	23- 7	AA	DD		C	
〃	24- 30	AA	DD		C	
〃	25- 14	AA	DD		C	
〃	26- 17	AA	DD		C	
〃	27- 33	AA	DD		C	
〃	28- 2	AA	DD		C	
〃	30- 119	AA	DD		C	
〃	31- 14	AA	DD		C	
〃	32- 15	AA	DD		C	
LX-BZ0528FCZZ	16- 55	AC	DD		C	
LX-BZ0535FCZZ	16- 115	AB	DD		C	
〃	30- 173	AB	DD		C	
LX-BZ0546FCZZ	8- 68	AC	DJ		C	
LX-BZ0555FCZZ	8- 94	AB	DD		C	
〃	10- 52	AB	DD		C	
〃	21- 108	AB	DD		C	
LX-BZ0560FCZZ	1- 50	AA	DD		C	
〃	11- 1	AA	DD		C	
〃	14- 5	AA	DD		C	
〃	23- 11	AA	DD		C	
〃	30- 198	AA	DD		C	
LX-BZ0576FCZZ	7- 5	AC	DJ		C	
LX-BZ0578FCZZ	16- 54	AC	DD		C	
LX-BZ0586FCZZ	14- 61	AA	DD		C	
〃	18- 76	AA	DD		C	
LX-BZ0608FCZZ	7- 4	AC	DD		C	
LX-BZ0618FCZZ	13- 90	AA	DD		C	
LX-BZ0620FCZZ	13- 14	AE	DS		C	
〃	37- 14	AE	DS		C	
LX-BZ0637FCZZ	7- 37	AC	DJ		C	
LX-BZ0656FCZZ	11- 44	AD	DJ		C	
〃	11- 60	AD	DJ		C	
LX-BZ0669FCZZ	13- 163	AC	DD		C	
LX-BZ0677FCZZ	31- 52	AD	DJ		C	
LX-BZ0678FCZZ	18- 22	AB	DD		C	
LX-BZ0680FCZZ	15- 67	AB	DD		C	
LX-BZ0681FCZZ	10- 5	AB	DD		C	
LX-BZ0682FCZZ	22- 13	AD	DS		C	
LX-BZ0684FCZZ	8- 30	AB	DD		C	
LX-BZ0688FCZZ	4- 1	AB	DD		C	
LX-BZ0689FCZZ	1- 28	AA	DD		C	
〃	7- 19	AA	DD		C	
〃	8- 9	AA	DD		C	
〃	9- 2	AA	DD		C	
〃	10- 7	AA	DD		C	
〃	14- 71	AA	DD		C	
〃	16- 53	AA	DD		C	
〃	24- 11	AA	DD		C	
〃	25- 16	AA	DD		C	
〃	26- 18	AA	DD		C	
〃	27- 32	AA	DD		C	
〃	28- 1	AA	DD		C	
〃	33- 8	AA	DD		C	
〃	37- 19	AA	DD		C	
〃	38- 51	AA	DD		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
LX-BZ0689FCZZ	41- 48	AA	DD		C	
LX-BZ0690FCZZ	43- 15	AA	DD		C	
LX-BZ0692FCZZ	30- 19	AB	DD		C	
LX-BZ0693FCZZ	30- 43	AB	DD		C	
LX-BZ0694FCZZ	30- 51	AB	DD		C	
LX-BZ0695FCZZ	30- 38	AD	DS		C	
LX-BZ0698FCZZ	21- 12	AC	DJ		C	
LX-BZ0699FCZZ	30- 50	AA	DD		C	
〃	30- 172	AA	DD		C	
LX-BZ0700FCZZ	31- 71	AA	DD		C	
LX-BZ0705FCZZ	10- 22	AB	DD		C	
LX-BZ0706FCZZ	10- 46	AB	DD		C	
LX-BZ0707FCZZ	14- 4	AA	DD		C	
LX-BZ0709FCZZ	22- 40	AC	DJ		C	
LX-BZ0711FCZZ	1- 57	AA	DD		C	
〃	13- 167	AA	DD		C	
〃	16- 204	AA	DD		C	
〃	17- 1	AA	DD		C	
LX-BZ0712FCZZ	12- 12	AA	DD		C	
LX-BZ0779FCZZ	15- 6	AA	DD		C	
LX-BZ0807FCZZ	22- 35	AC	DD	N	C	
LX-BZ0808FCZZ	41- 12	AC	DD	N	C	
LX-BZ0809FCZZ	41- 34	AC	DD	N	C	
LX-BZ0813FCZZ	31- 11	AB	DD	N	C	
LX-BZ0814FCZZ	39- 14	AD	DJ	N	C	
LX-BZ0815FCZZ	10- 51	AF	DS	N	C	
LX-BZ0817FCZZ	42- 11	AA	DD	N	C	
LX-BZ1006LC03	14- 60	AA	DD		C	
LX-BZ1019LCZZ	42- 27	AA	DD		C	
LX-BZ3004SC0M	13- 71	AA	DD		C	
〃	21- 9	AA	DD		C	
〃	22- 9	AA	DD		C	
LX-BZ3006SC0M	11- 19	AA	DD		C	
〃	21- 64	AA	DD		C	
LX-BZ4005SC0M	21- 49	AA	DD		C	
〃	21- 77	AA	DD		C	
〃	22- 5	AA	DD		C	
LX-BZ4008SC0M	15- 58	AA	DD		C	
LX-LZ0022FCZZ	21- 3	AB	DD		C	
LX-NZ0032FCZZ	53- 1	AA	DD		C	
LX-NZ0072FCZZ	13- 12	AA	DD		C	
LX-NZ0081FCZZ	37- 13	AD	DJ		C	
LX-WZ0017FCZZ	16- 61	AA	DD		C	
〃	17- 47	AA	DD		C	
〃	30- 157	AA	DD		C	
LX-WZ0021FCZZ	16- 84	AB	DD		C	
LX-WZ0028FCZZ	1- 47	AA	DD		C	
〃	23- 12	AA	DD		C	
LX-WZ0048FCZZ	13- 96	AA	DD		C	
LX-WZ0050FCZZ	5- 12	AA	DD		C	
〃	7- 38	AA	DD		C	
LX-WZ0086FCZZ	2- 35	AA	DD		C	
〃	17- 10	AA	DD		C	
LX-WZ0135FCZZ	10- 44	AA	DD		C	
LX-WZ0139FCZZ	18- 42	AA	DD		C	
LX-WZ0172FCZZ	16- 125	AB	DD		C	
LX-WZ0194FCZZ	6- 11	AA	DD		C	
LX-WZ0224FCZZ	28- 45	AA	DD		C	
LX-WZ0256FCZZ	13- 97	AA	DD		C	
LX-WZ0278FCZZ	15- 77	AA	DD		C	
LX-WZ0310FCZZ	18- 38	AB	DD		C	
LX-WZ0330FCZZ	30- 152	AK	EB		C	
LX-WZ0390FCZZ	13- 91	AB	DD		C	
〃	30- 168	AB	DD		C	
LX-WZ0395FCZZ	12- 14	AB	DD		C	
LX-WZ7011XCZZ	1- 77	AC	DD		C	
【M】						
MARMM0166FCZZ	16- 66	AH	DX		C	
MARMP0147FCZZ	3- 7	AK	EB		C	
MARMP0148FCZZ	3- 10	AH	DX		C	
MARMP0154FCZZ	19- 19	AC	DJ		C	
〃	20- 19	AC	DJ		C	
〃	31- 27	AC	DJ		C	
MARMP0155FCZZ	19- 44	AC	DJ		C	
〃	20- 44	AC	DJ		C	
〃	31- 19	AC	DJ		C	
MARMP0156FCZZ	19- 52	AC	DJ		C	
MARMP0158FCZZ	11- 13	AD	DJ		C	
MARMP0160FCZZ	38- 12	AD	DJ		C	
〃	39- 20	AD	DJ		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
MARMP0161FCZZ	38- 23	AC	DJ		C	
MARMP0217FCZZ	38- 25	AD	DJ	N	C	
MARMP0218FCZZ	39- 29	AD	DJ	N	C	
MARMP0219FCZZ	39- 26	AD	DJ	N	C	
MARMP0220FCZZ	38- 47	AD	DJ	N	C	
MARMP0221FCZZ	38- 11	AD	DJ	N	C	
MCAMP0087FCZ1	14- 68	AC	DJ		C	
MCAMP0090FCZZ	18- 66	AC	DJ		C	
MCAMP0091FCZZ	18- 67	AC	DJ		C	
MCAMP0095FCZZ	13- 161	AE	DJ	N	C	
MHNG-0101FCZ1	11- 65	AB	DD		C	
MHNG-0102FCZZ	11- 63	AA	DD		C	
MHNG-0103FCZZ	11- 64	AB	DD		C	
MHNG-0159FCZZ	1- 30	AK	EB		C	
MHNG-0161FCZZ	1- 12	AE	DS		C	
〃	10- 30	AE	DS		C	
MHNG-0163FCZZ	10- 34	AM	EQ		C	
MHNG-0165FCZZ	10- 31	AE	DS		C	
MJNTM0014FCZZ	7- 6	AW	FG		C	
MJNTP0015FCZZ	9- 53	AH	DX		C	
MJNTP0016FCZZ	37- 6	AF	DS		C	
MLEVF0209FCZZ	2- 37	AD	DJ		C	
MLEVF0616FCZZ	13- 16	AE	DS		C	
MLEVF0631FCZZ	16- 116	AH	DX		C	
MLEVF0633FCZZ	13- 137	AF	DS		C	
MLEVF0719FCZZ	8- 114	AL	EB	N	C	
MLEVF0720FCZZ	39- 2	AN	EQ	N	C	
MLEVF0721FCZZ	40- 35	AE	DJ	N	C	
MLEVF0726FCZZ	21- 112	AL	EB	N	C	
MLEVP0514FCZZ	19- 22	AC	DJ		C	
〃	20- 22	AC	DJ		C	
MLEVP0620FCZ1	11- 43	AK	DX	N	C	
MLEVP0621FCZZ	18- 46	AF	DX		C	
MLEVP0622FCZZ	18- 41	AF	DX		C	
MLEVP0623FCZZ	39- 9	AD	DS		C	
MLEVP0629FCZ1	21- 14	AH	EB		C	
MLEVP0630FCZ1	21- 24	AF	DX		C	
MLEVP0632FCZZ	30- 163	AF	DX		C	
MLEVP0696FCZZ	21- 133	AE	DS	N	C	
〃	22- 45	AE	DS	N	C	
MLEVP0717FCZZ	42- 22	AE	DJ	N	C	
MLEVP0718FCZZ	42- 23	AE	DJ	N	C	
MLEVP0722FCZZ	40- 48	AE	DS	N	C	
MLEVP0723FCZZ	40- 8	AE	DJ	N	C	
MLEVP0724FCZZ	40- 9	AD	DJ	N	C	
MLEVP0725FCZZ	40- 5	AD	DJ	N	C	
MLEVP0728FCZZ	10- 49	AK	EB	N	C	
MLEVP0729FCZZ	13- 1	AL	EB		C	
MLEVP0734FCZZ	41- 31	AF	DS	N	C	
MLEVP0737FCZZ	8- 65	AF	DS	N	C	
MLNKP0018FCZZ	32- 19	AC	DJ		C	
MLNKP0019FCZZ	32- 13	AC	DJ		C	
MSLi-0115FCZZ	8- 13	BB	GD		C	
MSLi-0116FCZZ	8- 84	AZ	FX		C	
MSLi-0117FCZZ	8- 16	AZ	FX		C	
MSLi-0120FCZZ	8- 46	BB	GD		C	
MSLi-0123FCZZ	8- 96	AZ	FX		C	
MSLiF0130FCZZ	8- 83	BD	GJ	N	C	
MSLiF0131FCZZ	8- 110	BA	FX	N	C	
MSPRC0089FCZZ	28- 22	AB	DD		C	
MSPRC0760FCZZ	24- 37	AB	DD		C	
MSPRC0876FCZZ	10- 45	AA	DD		C	
MSPRC0936FCZZ	13- 134	AB	DD		C	
MSPRC0949FCZZ	11- 41	AA	DD		C	
MSPRC0950FCZZ	9- 44	AB	DD		C	
MSPRC1281FCZZ	14- 51	AA	DD		C	
MSPRC1286FCZZ	11- 61	AC	DJ		C	
MSPRC1289FCZZ	7- 26	AA	DD		C	
MSPRC1385FCZZ	11- 67	AA	DD		C	
MSPRC1534FCZZ	28- 44	AA	DD		C	
MSPRC1534FCZ1	24- 26	AB	DJ		C	
〃	25- 4	AB	DJ		C	
〃	26- 4	AB	DJ		C	
〃	27- 10	AB	DJ		C	
MSPRC1653FCZZ	16- 18	AD	DJ		C	
MSPRC1720FCZZ	21- 113	AC	DJ		C	
MSPRC1753FCZZ	18- 17	AC	DD		C	
MSPRC1940FCZZ	17- 48	AA	DD		C	
MSPRC1954FCZ1	1- 55	AC	DJ		C	
〃	16- 202	AC	DJ		C	
MSPRC1954FCZ1	17- 3	AC	DJ		C	
MSPRC2039FCZZ	8- 112	AD	DJ		C	
〃	19- 55	AD	DJ		C	
MSPRC2043FCZZ	16- 31	AC	DJ		C	
MSPRC2044FCZZ	16- 32	AC	DJ		C	
MSPRC2046FCZZ	16- 19	AC	DJ		C	
MSPRC2055FCZZ	32- 6	AC	DJ		C	
MSPRC2056FCZZ	32- 5	AC	DJ		C	
MSPRC2060FCZZ	18- 48	AB	DJ		C	
MSPRC2069FCZZ	10- 4	AB	DJ		C	
MSPRC2092FCZZ	17- 28	AC	DJ		C	
MSPRC2093FCZZ	17- 33	AC	DJ		C	
MSPRC2095FCZZ	21- 23	AB	DJ		C	
MSPRC2096FCZZ	21- 87	AC	DJ		C	
MSPRC2097FCZ1	13- 79	AB	DJ		C	
MSPRC2098FCZZ	13- 82	AB	DJ		C	
MSPRC2116FCZZ	1- 39	AB	DJ		C	
MSPRC2117FCZZ	2- 40	AB	DJ		C	
MSPRC2147FCZZ	18- 68	AB	DJ		C	
MSPRC2148FCZZ	18- 63	AB	DJ		C	
MSPRC2155FCZZ	18- 43	AB	DJ		C	
MSPRC2163FCZZ	1- 10	AD	DS		C	
MSPRC2165FCZZ	11- 56	AC	DJ		C	
MSPRC2170FCZZ	45- 10	AB	DJ		C	
MSPRC2231FCZZ	16- 123	AC	DJ		C	
MSPRC2240FCZZ	30- 122	AB	DJ		C	
MSPRC2528FCZZ	40- 47	AC	DJ	N	C	
MSPRC2529FCZZ	40- 33	AC	DJ	N	C	
MSPRC2530FCZZ	40- 34	AC	DJ	N	C	
MSPRC2531FCZZ	38- 22	AC	DJ	N	C	
MSPRC2532FCZZ	40- 18	AC	DJ	N	C	
MSPRC2533FCZZ	38- 26	AD	DJ	N	C	
MSPRC2534FCZZ	39- 4	AC	DJ	N	C	
MSPRC2535FCZZ	39- 25	AD	DJ	N	C	
MSPRC2536FCZZ	42- 17	AE	DJ	N	C	
MSPRC2537FCZZ	42- 9	AE	DS	N	C	
MSPRC2538FCZZ	22- 42	AC	DJ	N	C	
MSPRC2540FCZZ	40- 3	AC	DJ	N	C	
MSPRC2553FCZZ	13- 62	AD	DJ	N	C	
MSPRC2563FCZZ	14- 56	AC	DJ	N	C	
MSPRC2564FCZZ	14- 14	AC	DJ	N	C	
MSPRC2566FCZZ	11- 42	AD	DJ	N	C	
MSPRC2570FCZZ	10- 50	AC	DJ	N	C	
MSPRC2574FCZZ	32- 8	AD	DJ	N	C	
MSPRC2576FCZZ	32- 11	AD	DJ	N	C	
MSPRC2577FCZZ	13- 151	AD	DJ	N	C	
MSPRP1293FCZZ	28- 16	AB	DD		C	
MSPRP1566FCZZ	4- 11	AF	DS		C	
MSPRP2103FCZZ	4- 13	AH	DX		C	
MSPRP2104FCZZ	4- 20	AF	DX		C	
MSPRP2110FCZZ	11- 7	AC	DJ		C	
〃	18- 8	AC	DJ		C	
MSPRP2149FCZZ	14- 54	AB	DJ		C	
MSPRP2159FCZZ	13- 88	AC	DJ		C	
MSPRP2167FCZZ	2- 41	AE	DS		C	
MSPRP2406FCZ1	29- 21	AD	DJ		C	
MSPRP2445FCZZ	29- 18	AD	DJ		C	
MSPRP2565FCZZ	40- 40	AD	DJ	N	C	
MSPRT0513FCZZ	44- 2	AA	DD		C	
〃	45- 3	AA	DD		C	
MSPRT0735FCZZ	16- 132	AA	DD		C	
〃	30- 156	AA	DD		C	
MSPRT0842FCZZ	5- 5	AC	DD		C	
MSPRT0935FCZZ	13- 15	AC	DJ		C	
MSPRT1124FCZZ	28- 10	AA	DD		C	
MSPRT1146FCZZ	8- 63	AA	DD		C	
〃	21- 132	AA	DD		C	
〃	22- 46	AA	DD		C	
MSPRT1199FCZZ	24- 19	AB	DD		C	
MSPRT1230FCZZ	13- 27	AC	DD		C	
MSPRT1562FCZZ	8- 117	AB	DD		C	
MSPRT1563FCZZ	3- 4	AC	DD		C	
MSPRT1598FCZZ	28- 8	AA	DD		C	
MSPRT1674FCZZ	13- 7	AC	DD		C	
MSPRT1719FCZZ	30- 9	AC	DJ		C	
MSPRT1780FCZZ	8- 24	AB	DD		C	
MSPRT1944FCZZ	31- 48	AA	DD		C	
MSPRT2035FCZZ	30- 166	AC	DJ		C	
MSPRT2038FCZZ	19- 45	AD	DJ		C	
〃	20- 45	AD	DJ		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
MSPRT2040FCZZ	16- 1	AB	DJ		C	
MSPRT2041FCZZ	16- 26	AB	DJ		C	
MSPRT2042FCZZ	16- 24	AD	DS		C	
MSPRT2047FCZZ	31- 21	AB	DJ		C	
MSPRT2048FCZZ	13- 56	AC	DJ		C	
MSPRT2050FCZZ	30- 21	AB	DJ		C	
MSPRT2051FCZZ	16- 145	AC	DJ		C	
MSPRT2052FCZZ	30- 81	AB	DJ		C	
MSPRT2053FCZZ	30- 82	AC	DJ		C	
MSPRT2054FCZZ	17- 40	AB	DJ		C	
MSPRT2058FCZZ	18- 51	AC	DJ		C	
MSPRT2059FCZZ	18- 44	AD	DS		C	
MSPRT2063FCZZ	14- 64	AB	DJ		C	
MSPRT2064FCZZ	6- 3	AD	DS		C	
〃	7- 8	AD	DS		C	
MSPRT2071FCZ1	21- 15	AB	DJ		C	
MSPRT2082FCZZ	17- 32	AB	DJ		C	
MSPRT2088FCZ1	29- 39	AD	DJ		C	
MSPRT2099FCZZ	30- 39	AB	DJ		C	
MSPRT2102FCZZ	37- 16	AE	DS		C	
MSPRT2160FCZ1	21- 118	AC	DJ		C	
MSPRT2161FCZ1	21- 117	AB	DJ		C	
MSPRT2174FCZZ	13- 86	AC	DJ		C	
【N】						
NBLTH0101FCZZ	30- 102	AE	DS		B	
NBLTH0136FCZZ	9- 58	AL	EB		B	
NBLTH0139FCZZ	30- 66	AH	DX		B	
NBLTH0140FCZZ	27- 24	AG	DX		B	
NBLTH0141FCZZ	16- 91	AG	DS		B	
NBLTH0184FCZZ	9- 29	AF	DS		B	
NBLTH0185FCZZ	30- 158	AF	DS		B	
NBLTH0199FCZZ	13- 67	AG	DX		B	
NBLTH0200FCZZ	28- 34	AH	DX		B	
NBLTH0202FCZZ	26- 20	AK	EB		B	
NBLTH0205FCZZ	16- 140	AH	EB		B	
NBLTH0207FCZZ	16- 133	AH	EB		B	
NBLTH0208FCZZ	16- 134	AH	DX		B	
NBLTH0209FCZZ	31- 35	AH	DX		B	
NBLTH0210FCZZ	30- 60	AG	DX		B	
NBLTH0213FCZZ	30- 159	AH	DX		B	
NBLTH0215FCZZ	21- 53	AH	DX		B	
NBLTH0222FCZZ	17- 50	AH	DX		B	
NBLTH0227FCZZ	27- 29	AM	EG		B	
NBLTH0270FCZZ	16- 65	AL	EB	N	B	
NBLTH0285FCZZ	38- 46	AH	DX	N	B	
NBLTH0286FCZZ	39- 35	AH	DX	N	B	
NBLTH0287FCZZ	39- 37	AH	DX	N	B	
NBLTH0288FCZZ	22- 56	AM	EG	N	B	
NBRGC0037FCZ1	16- 23	AC	DJ		B	
NBRGC0100FCZ1	16- 28	AC	DJ		B	
NBRGC0124FCZZ	11- 5	AB	DD		B	
NBRGC0140FCZZ	15- 64	AD	DJ		B	
NBRGC0173FCZZ	18- 15	AE	DS		B	
NBRGC0188FCZZ	19- 32	AB	DD		B	
〃	20- 32	AB	DD		B	
〃	38- 38	AB	DD		B	
〃	39- 23	AB	DD		B	
NBRGC0225FCZZ	30- 121	AC	DJ		B	
NBRGC0254FCZ1	26- 22	AC	DJ		B	
〃	27- 12	AC	DJ		B	
〃	28- 36	AC	DJ		B	
〃	30- 130	AC	DJ		B	
NBRGC0344FCZZ	31- 37	AC	DD		B	
NBRGC0374FCZZ	15- 29	AK	EB		B	
NBRGC0455FCZ1	7- 56	AB	DJ		B	
NBRGC0483FCZZ	30- 18	AC	DJ		B	
NBRGC0504FCZZ	21- 95	AC	DJ		B	
〃	22- 31	AC	DJ		B	
NBRGM0499FCZZ	30- 55	AB	DJ		B	
NBRGM0501FCZZ	28- 48	AB	DJ		B	
NBRGM1040HCZZ	38- 9	AC	DJ		B	
〃	39- 16	AC	DJ		B	
〃	40- 17	AC	DJ		B	
NBRGP0220FCZZ	13- 37	AH	DX		B	
NBRGP0228FCZZ	13- 147	AG	DS		B	
NBRGP0266FCZZ	32- 20	AA	DD		B	
NBRGP0299FCZZ	14- 31	AC	DJ		B	
NBRGP0322FCZZ	18- 20	AC	DD		B	
〃	37- 5	AC	DD		B	
NBRGP0388FCZZ	21- 36	AB	DD		B	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
NBRGP0423FCZZ	18- 35	AD	DJ		B	
NBRGP0471FCZZ	19- 16	AC	DJ		B	
〃	20- 16	AC	DJ		B	
〃	31- 25	AC	DJ		B	
NBRGP0472FCZZ	11- 3	AC	DJ		B	
NBRGP0473FCZZ	18- 45	AC	DJ		B	
NBRGP0474FCZ1	7- 13	AD	DS		B	
NBRGP0478FCZZ	13- 50	AK	EB		B	
〃	30- 29	AK	EB		B	
NBRGP0540FCZZ	14- 48	AE	DS		B	
NBRGP0555FCZZ	13- 40	AG	DS		B	
〃	17- 8	AG	DS		B	
NBRGP0557FCZZ	13- 81	AF	DS		B	
〃	17- 30	AF	DS		B	
NBRGY0131FCZZ	7- 76	AM	EG		B	
〃	16- 11	AM	EG		B	
〃	21- 51	AM	EG		B	
〃	22- 58	AM	EG		B	
〃	24- 5	AM	EG		B	
〃	25- 7	AM	EG		B	
〃	26- 10	AM	EG		B	
〃	27- 3	AM	EG		B	
〃	28- 4	AM	EG		B	
〃	30- 99	AM	EG		B	
NBRGY0434FCZZ	28- 29	AN	EQ		B	
〃	29- 2	AN	EQ		B	
〃	32- 36	AN	EQ		B	
NBRGY0466FCZZ	24- 27	AK	EB		B	
〃	27- 18	AK	EB		B	
〃	29- 11	AK	EB		B	
〃	30- 58	AK	EB		B	
NBRGY0475FCZZ	30- 186	AG	DX		B	
〃	31- 4	AG	DX		B	
NBRGY0479FCZ1	13- 112	BA	FX	N	B	
NBRGY0487FCZZ	13- 118	AN	EQ		B	
NBRGY0498FCZZ	30- 52	AB	DJ		B	
NBRGY0558FCZZ	19- 6	AF	DS		B	
〃	20- 6	AF	DS		B	
NBRGY0569FCZZ	15- 53	AN	EG		B	
NBRGY0578FCZZ	15- 26	AN	EQ	N	B	
NBRGY2111SCZZ	40- 52	AB	DD		B	
NBRGY5037BCZZ	29- 13	AM	EG		B	
NBRGY7019SCZZ	30- 167	AB	DD		B	
NBRGZ0503FCZZ	13- 64	AC	DJ		B	
NCPL-0007FCZZ	28- 43	AC	DD		C	
NCPL-0018FCZZ	26- 7	AE	DS		C	
〃	27- 5	AE	DS		C	
NCPL-0019FCZ1	24- 2	AR	EQ	N	C	
NCPL-0020FCZZ	18- 13	AC	DJ		C	
NGERH0049FCZZ	15- 54	AD	DJ		C	
NGERH0111FCZZ	30- 64	AD	DJ		C	
NGERH0128FCZZ	16- 14	AC	DD		C	
〃	28- 39	AC	DD		C	
NGERH0141FCZZ	13- 125	AC	DD		C	
NGERH0193FCZZ	42- 14	AB	DD		C	
NGERH0194FCZZ	14- 28	AB	DD		C	
NGERH0209FCZ1	38- 7	AB	DD		C	
〃	39- 19	AB	DD		C	
〃	40- 23	AB	DD		C	
NGERH0254FCZZ	28- 49	AC	DJ		C	
NGERH0262FCZ1	28- 18	AL	EG		C	
NGERH0284FCZZ	28- 7	AE	DS		C	
NGERH0295FCZZ	25- 24	AC	DJ		C	
〃	28- 35	AC	DJ		C	
NGERH0314FCZZ	32- 32	AC	DD		C	
NGERH0317FCZ1	21- 39	AE	DS		C	
NGERH0349FCZZ	16- 63	AC	DD		C	
NGERH0369FCZZ	27- 14	AD	DJ		C	
NGERH0438FCZZ	30- 129	AB	DD		C	
NGERH0484FCZZ	25- 21	AB	DD		C	
〃	30- 140	AB	DD		C	
NGERH0496FCZZ	18- 49	AD	DJ		C	
NGERH0520FCZZ	25- 18	AG	DS		C	
NGERH0521FCZZ	26- 30	AE	DS		C	
〃	30- 28	AE	DS		C	
NGERH0522FCZZ	26- 26	AE	DJ		C	
NGERH0562FCZZ	28- 51	AD	DJ		C	
NGERH0612FCZZ	31- 36	AD	DJ		C	
NGERH0613FCZZ	31- 38	AD	DJ		C	
NGERH0623FCZZ	14- 39	AB	DD		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
NGERH0682FCZZ	28- 37	AF	DS		C	
NGERH0698FCZZ	14- 40	AD	DJ		C	
NGERH0699FCZZ	30- 127	AE	DS		C	
NGERH0705FCZZ	24- 7	AC	DJ		C	
NGERH0792FCZZ	14- 34	AE	DS		C	
NGERH0853FCZZ	26- 13	AE	DJ		C	
〃	27- 20	AE	DJ		C	
NGERH0861FCZZ	16- 90	AB	DD		C	
NGERH0922FCZZ	37- 3	AE	DS		C	
NGERH0923FCZZ	24- 10	AE	DS		C	
〃	27- 17	AE	DS		C	
〃	28- 28	AE	DS		C	
NGERH0924FCZZ	28- 30	AE	DS		C	
NGERH0928FCZ1	12- 11	AZ	FX		C	
NGERH0930FCZZ	18- 50	AE	DS		C	
NGERH0931FCZZ	15- 65	AE	DS		C	
NGERH0933FCZZ	21- 58	AF	DX		C	
〃	22- 51	AF	DX		C	
NGERH0945FCZZ	28- 62	AD	DJ		C	
NGERH0946FCZ1	13- 141	AS	EZ		C	
NGERH0949FCZZ	17- 46	AC	DJ		C	
NGERH0954FCZZ	21- 93	AF	DX		C	
〃	22- 39	AF	DX		C	
NGERH0955FCZZ	21- 57	AF	DX		C	
〃	22- 50	AF	DX		C	
NGERH0993FCZZ	13- 132	AK	EB		C	
NGERH0995FCZZ	24- 14	AN	EQ		C	
NGERH1107FCZZ	13- 138	AX	FG		C	
NGERH1149FCZZ	16- 92	AE	DS	N	C	
NGERH1150FCZZ	16- 94	AE	DS	N	C	
NGERH1174FCZZ	38- 4	AQ	EQ		C	
〃	40- 24	AQ	EQ		C	
NGERH1178FCZZ	14- 37	AF	DS	N	C	
NGERH1179FCZZ	14- 38	AE	DS	N	C	
NGERH1180FCZZ	40- 29	AC	DJ	N	C	
NGERH1181FCZZ	40- 51	AC	DJ	N	C	
NGERH1182FCZZ	40- 42	AD	DJ	N	C	
NGERH1183FCZZ	40- 53	AC	DJ	N	C	
NGERH1184FCZZ	40- 30	AC	DJ	N	C	
NGERH1200FCZZ	41- 13	AE	DJ	N	C	
NGERH1205FCZZ	15- 72	AE	DS	N	C	
NGERR0316FCZ3	21- 38	AK	EB		C	
NGERR1148FCZZ	31- 50	AL	EB	N	C	
NGERR1177FCZZ	42- 13	AG	DX	N	C	
NGERR1201FCZZ	41- 16	AG	DX	N	C	
NGERR1202FCZZ	41- 15	AG	DX	N	C	
NGERW0939FCZZ	21- 54	AR	EQ		C	
NGERW0939FCZ1	22- 57	AS	EQ	N	C	
NHAN−0009FCZZ	15- 18	AB	DD		C	
NPLYZ0046FCZZ	26- 14	AD	DJ		C	
NPLYZ0082FCZZ	28- 31	AE	DJ		C	
NPLYZ0087FCZZ	17- 45	AB	DD		C	
NPLYZ0106FCZZ	30- 59	AC	DJ		C	
NPLYZ0130FCZ1	7- 75	AL	EG		C	
NPLYZ0167FCZZ	5- 24	AF	DS		C	
〃	7- 71	AF	DS		C	
NPLYZ0169FCZZ	21- 52	AE	DS		C	
NPLYZ0205FCZZ	16- 62	AE	DJ		C	
〃	30- 65	AE	DJ		C	
NPLYZ0254FCZZ	38- 44	AD	DJ		C	
〃	39- 33	AD	DJ		C	
NPLYZ0258FCZZ	25- 12	AC	DJ		C	
NPLYZ0262FCZZ	7- 29	AF	DS		C	
NPLYZ0263FCZZ	7- 24	AB	DD		C	
NPLYZ0265FCZZ	16- 93	AC	DD		C	
NPLYZ0277FCZZ	24- 33	AC	DJ		C	
〃	27- 23	AC	DJ		C	
NPLYZ0278FCZ1	24- 32	AD	DJ		C	
〃	26- 16	AD	DJ		C	
NPLYZ0280FCZZ	21- 72	AC	DJ		C	
〃	22- 15	AC	DJ		C	
NPLYZ0281FCZZ	21- 82	AD	DS		C	
NPLYZ0284FCZZ	7- 83	AC	DJ		C	
NPLYZ0285FCZ1	27- 19	AE	DS		C	
NPLYZ0300FCZZ	22- 55	AE	DJ		C	
NPLYZ0310FCZZ	30- 190	AH	DX		C	
NPLYZ0311FCZZ	16- 15	AE	DS	N	C	
NPLYZ0312FCZZ	16- 89	AE	DJ	N	C	
NPLYZ0324FCZZ	22- 61	AE	DJ	N	C	
NPLYZ0325FCZZ	39- 36	AC	DJ	N	C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
NPLYZ0328FCZZ	22- 36	AG	DX	N	C	
NRŌLi0993FCZZ	13- 120	BT	NN		C	
NRŌLi0993FCZ1	13- 120	BT	NN		C	
NRŌLM0268FCZ1	30- 134	AB	DJ		C	
NRŌLM1016FCZZ	21- 19	AB	DJ		C	
NRŌLM1163FCZ1	15- 49	BR	LP	N	C	
NRŌLP0487FCZZ	13- 69	AB	DD		C	
〃	29- 5	AB	DD		C	
NRŌLP0755FCZZ	19- 10	AB	DD		C	
〃	20- 10	AB	DD		C	
〃	31- 5	AB	DD		C	
NRŌLP0789FCZZ	29- 15	AC	DD		C	
NRŌLP0940FCZZ	16- 22	AZ	FX		C	
NRŌLP0941FCZZ	16- 29	AX	FQ		C	
NRŌLP0942FCZZ	30- 100	AD	DJ		C	
NRŌLP0946FCZZ	15- 21	AW	FG		C	
NRŌLP0989FCZZ	30- 86	AD	DJ		C	
NRŌLR0949FCZZ	16- 33	AY	FQ		C	
NRŌLR0951FCZZ	30- 32	AT	FG		C	
NRŌLR0952FCZ1	30- 63	AS	EQ		C	
NRŌLR0953FCZZ	30- 108	AN	EQ		C	
NRŌLR0954FCZZ	13- 60	AT	EZ		C	
NRŌLR0955FCZZ	38- 40	AT	EZ		C	
〃	39- 31	AT	EZ		C	
NRŌLR0956FCZZ	38- 42	AM	EQ		C	
〃	39- 40	AM	EQ		C	
NRŌLR0959FCZ1	17- 19	AV	FG	N	C	
NRŌLR0960FCZ1	17- 20	AX	FG	N	C	
NRŌLR0964FCZZ	38- 30	AP	EQ		C	
〃	40- 12	AP	EQ		C	
NRŌLR0965FCZZ	16- 107	AU	FG		C	
NRŌLR0967FCZZ	16- 113	AW	FG		C	
NRŌLR0969FCZZ	16- 105	AU	FG		C	
NRŌLR0970FCZZ	30- 101	AT	EZ		C	
NRŌLR0977FCZ1	32- 22	AV	FG		C	
NRŌLR0982FCZ1	17- 21	AV	FG	N	C	
NRŌLR0983FCZZ	30- 54	AR	EQ		C	
NRŌLR0988FCZ1	30- 69	AS	EQ		C	
NRŌLR0994FCZ1	13- 146	BH	GX		C	
NRŌLR1015FCZZ	12- 15	AM	EQ		C	
NRŌLR1047FCZZ	8- 22	AK	EB		C	
〃	19- 58	AK	EB		C	
NRŌLR1134FCZZ	16- 86	AV	FG	N	C	
NRŌLR1164FCZZ	16- 3	AW	FG	N	C	
NRŌLR1165FCZZ	16- 106	AX	FG	N	C	
NRŌLR1195FCZ1	16- 25	BC	GD	N	C	
NRŌLS1079FCZZ	14- 44	AT	EZ		C	
NRŌLT1183FCZZ	13- 114	BW	RR	N	C	
NRŌLZ0978FCZZ	18- 31	BD	GN		C	
NSFTZ1414FCZZ	19- 9	AK	EB		C	
〃	20- 9	AK	EB		C	
NSFTZ1805FCZZ	3- 2	AE	DS		C	
NSFTZ1867FCZ1	28- 27	AL	EG		C	
NSFTZ1869FCZZ	28- 33	AK	EB		C	
NSFTZ1870FCZZ	28- 38	AH	EB		C	
NSFTZ1871FCZZ	28- 32	AK	EB		C	
NSFTZ1872FCZZ	28- 47	AH	DX		C	
NSFTZ1878FCZZ	26- 29	AK	EB		C	
NSFTZ1879FCZZ	26- 12	AM	EG		C	
NSFTZ1883FCZZ	25- 17	AK	EB		C	
NSFTZ1884FCZZ	25- 23	AH	EB		C	
NSFTZ1892FCZZ	16- 56	AF	DX		C	
NSFTZ1893FCZ1	16- 135	AH	DX		C	
NSFTZ1897FCZZ	31- 9	AK	EB		C	
NSFTZ1903FCZZ	30- 141	AQ	EQ		C	
NSFTZ1906FCZZ	30- 10	AF	DX		C	
NSFTZ1907FCZZ	30- 8	AF	DX		C	
NSFTZ1908FCZZ	30- 84	AG	DX		C	
NSFTZ1909FCZZ	30- 85	AR	EQ		C	
NSFTZ1911FCZZ	13- 121	AN	EQ		C	
NSFTZ1912FCZZ	13- 83	AR	EQ		C	
NSFTZ1913FCZZ	13- 80	AK	EB		C	
NSFTZ1914FCZZ	13- 140	AK	EB		C	
NSFTZ1915FCZZ	13- 70	AR	EQ		C	
NSFTZ1917FCZ1	13- 66	AM	EG		C	
NSFTZ1918FCZZ	30- 143	AH	EB		C	
NSFTZ1922FCZZ	18- 40	AM	EG		C	
NSFTZ1927FCZZ	7- 77	AU	FG		C	
NSFTZ1928FCZZ	7- 89	AN	EQ		C	
NSFTZ1929FCZZ	7- 91	AH	DX		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
NSFTZ1937FCZZ	22- 37	AW	FG		C	
NSFTZ1938FCZZ	21- 59	AM	EG		C	
〃	22- 52	AM	EG		C	
NSFTZ1940FCZZ	21- 83	AW	FG		C	
NSFTZ1968FCZZ	17- 42	AK	EB		C	
NSFTZ1971FCZZ	17- 31	AF	DX		C	
NSFTZ1973FCZZ	30- 22	AH	DX		C	
NSFTZ1977FCZZ	29- 4	AN	EQ		C	
NSFTZ1978FCZ1	29- 34	AW	FG		C	
NSFTZ1979FCZZ	30- 112	AS	EZ		C	
NSFTZ1981FCZZ	10- 6	AG	DX		C	
NSFTZ1982FCZZ	17- 11	AG	DX		C	
NSFTZ1984FCZZ	30- 138	AR	EQ		C	
NSFTZ1998FCZZ	26- 25	AH	DX		C	
NSFTZ2026FCZZ	18- 64	AG	DX		C	
NSFTZ2072FCZZ	30- 14	AC	DJ		C	
NSFTZ2073FCZZ	13- 8	AD	DJ		C	
NSFTZ2075FCZZ	21- 98	AK	EB		C	
NSFTZ2076FCZZ	21- 99	AN	EQ		C	
NSFTZ2285FCZ1	27- 30	AM	EG	N	C	
NSFTZ2286FCZZ	27- 25	AL	EB	N	C	
NSFTZ2287FCZZ	27- 21	AM	EG	N	C	
NSFTZ2288FCZZ	27- 27	AL	EB	N	C	
NSFTZ2289FCZZ	8- 71	AU	EZ	N	C	
NSFTZ2290FCZZ	9- 36	AN	EG	N	C	
NSFTZ2291FCZZ	24- 13	AN	EG	N	C	
NSFTZ2292FCZZ	24- 17	AR	EQ	N	C	
NSFTZ2293FCZZ	24- 6	AL	EB	N	C	
NSFTZ2295FCZZ	13- 165	AU	EZ	N	C	
NSFTZ2296FCZZ	14- 55	AR	EQ	N	C	
NSFTZ2297FCZZ	14- 18	AQ	EQ	N	C	
NSFTZ2299FCZZ	16- 60	AH	DX	N	C	
NSFTZ2363FCZZ	40- 4	AF	DS	N	C	
NSFTZ2374FCZ1	24- 22	AQ	EQ	N	C	
NSFTZ2388FCZZ	14- 36	AK	DX	N	C	
NSFTZ2389FCZZ	40- 49	AM	EG	N	C	
NSFTZ2392FCZZ	40- 43	AP	EQ	N	C	
NSFTZ2394FCZZ	38- 48	AN	EG	N	C	
NSFTZ2396FCZZ	39- 24	AP	EQ	N	C	
NSFTZ2397FCZZ	39- 30	AM	EG	N	C	
NSFTZ2398FCZZ	22- 2	AS	EQ	N	C	
NSFTZ2399FCZZ	40- 32	AF	DS	N	C	
NSFTZ2400FCZZ	38- 27	AQ	EQ	N	C	
NSFTZ2401FCZZ	38- 37	AQ	EQ	N	C	
NSFTZ2404FCZZ	11- 32	AX	FG	N	C	
NSFTZ2405FCZZ	15- 16	AQ	EQ	N	C	
NSFTZ2406FCZZ	15- 22	AP	EQ	N	C	
NSFTZ2408FCZZ	14- 62	AL	EB	N	C	
NSFTZ2409FCZZ	14- 66	AK	EB	N	C	
NSFTZ2410FCZZ	14- 17	AQ	EQ	N	C	
NSFTZ2412FCZZ	28- 24	AL	EB	N	C	
NSRW-0025FCZZ	18- 55	AC	DJ		C	
NSRW-0026FCZZ	37- 9	AC	DJ	N	C	
NSRW-0027FCZZ	15- 19	AE	DJ	N	C	
【P】						
PAJS-0011FCZ1	8- 78	AV	FG		C	
PBARM0043FCZZ	18- 34	AN	EQ		C	
PBŌX-0111FCZZ	14- 26	BA	FX	N	D	
PBŌX-0115FCZ1	15- 75	BB	GD	N	D	
PBRSR0063FCZZ	13- 76	AE	DS		B	
PBRSR0129FCZZ	17- 26	AR	EQ		B	
PBRSR0168FCZZ	30- 182	AG	DX	N	B	
PCASZ0246FCZZ	37- 26	AV	FG		C	
PCASZ0247FCZZ	18- 52	AZ	FX		C	
PCASZ0250FCZZ	44- 9	AK	EB		C	
PCASZ0251FCZZ	4- 24	AH	DX		C	
PCLC-0009FCZZ	28- 21	AD	DJ		B	
PCLC-0190FCZZ	24- 25	AC	DD		B	
〃	25- 2	AC	DD		B	
〃	26- 2	AC	DD		B	
〃	27- 8	AC	DD		B	
PCLC-0216FCZZ	16- 58	BA	GD		B	
PCLC-0218FCZZ	16- 119	AX	FQ		B	
PCLC-0220FCZZ	38- 31	AV	FG		B	
〃	40- 13	AV	FG		B	
PCLC-0223FCZZ	26- 23	AY	FX		B	
PCLC-0224FCZZ	26- 24	AY	FX		B	
PCLC-0225FCZ1	27- 13	AZ	FQ		B	
PCLC-0226FCZZ	25- 22	AY	FX		B	
PCLC-0227FCZZ	24- 16	AX	FQ		B	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
PCLC-0258FCZZ	25- 10	BA	FX	N	B	
PCLC-0269FCZZ	27- 37	AZ	FQ	N	B	
PCLR-0207FCZZ	6- 8	AC	DD		C	
PCLR-0259FCZZ	16- 131	AB	DD		C	
〃	30- 155	AB	DD		C	
PCLR-0308FCZZ	21- 1	AB	DD		C	
〃	22- 10	AB	DD		C	
PCLR-0309FCZZ	5- 13	AC	DD		C	
PCLR-0380FCZ1	15- 34	AQ	EQ		C	
PCLR-0381FCZZ	21- 71	AB	DJ		C	
〃	22- 16	AB	DJ		C	
PCLR-0387FCZZ	16- 124	AB	DJ		C	
PCLR-0388FCZZ	16- 122	AB	DJ		C	
PCLR-0390FCZZ	13- 25	AA	DJ		C	
PCLR-0391FCZZ	13- 98	AA	DJ		C	
〃	37- 40	AA	DJ		C	
PCLR-0417FCZZ	32- 37	AB	DJ		C	
PCLR-0426FCZZ	42- 19	AD	DJ	N	C	
PCLR-0431FCZZ	41- 42	AH	DX	N	C	
PCŌVM1079FCZZ	19- 47	AD	DJ		C	
〃	20- 47	AD	DJ		C	
PCŌVP1162FCZZ	21- 47	AP	EQ		C	
〃	22- 47	AP	EQ		C	
PCŌVP1168FCZZ	37- 1	AF	DS		C	
PCŌVP1169FCZZ	19- 3	AM	EG		C	
〃	20- 3	AM	EG		C	
PCŌVP1170FCZZ	1- 53	BA	GD		C	
PCŌVP1171FCZZ	13- 48	AZ	FX		C	
PCŌVP1172FCZ1	13- 201	AZ	FQ	N	C	
PCŌVP1173FCZZ	11- 55	AN	EQ		C	
PCŌVP1174FCZZ	45- 2	AD	DS		C	
PCŌVP1175FCZ1	15- 7	AU	FG		C	
PCŌVP1177FCZZ	7- 92	AW	FG		C	
PCŌVP1190FCZZ	44- 1	AQ	EQ		C	
PCŌVP1191FCZZ	15- 44	AC	DJ		C	
PCŌVP1192FCZ2	21- 41	AK	EB		C	
PCŌVP1193FCZZ	21- 22	AH	DX		C	
PCŌVP1196FCZ1	8- 29	AE	DS		C	
PCŌVP1198FCZ1	23- 33	AL	EB	N	C	
PCŌVP1199FCZZ	23- 19	AQ	EQ		C	
PCŌVP1202FCZZ	21- 122	AH	EB		C	
PCŌVP1223FCZZ	8- 41	AS	EZ		C	
PCŌVP1224FCZZ	8- 32	AS	EZ		C	
PCŌVP1240FCZZ	1- 36	AR	EZ		D	
PCŌVP1266FCZ1	1- 70	AL	EB		C	
PCŌVP1371FCZZ	1- 74	AW	FG	N	C	
PCŌVP1372FCZZ	14- 58	AT	EZ	N	C	
PCŌVP1386FCZZ	41- 36	AR	EQ	N	C	
PCŌVP1388FCZZ	41- 40	AF	DS	N	C	
PCŌVP1389FCZZ	41- 37	AF	DS	N	C	
PCŌVP1390FCZZ	42- 25	AU	EZ	N	C	
PCŌVP1391FCZZ	42- 12	AL	EB	N	C	
PCŌVP1392FCZZ	15- 1	AQ	EQ	N	C	
PCŌVP1393FCZZ	39- 1	AC	DJ	N	C	
PCŌVP1400FCZZ	1- 76	AC	DJ	N	C	
PCŌVP1401FCZZ	34- 15	AQ	EQ	N	C	
PCŌVP1411FCZZ	7- 36	AV	FG	N	C	
PCŌVW0829FCZZ	53- 2	AC	DJ		C	
PCUSF0279FCZZ	5- 16	AB	DJ		C	
PCUSF0288FCZZ	43- 16	AE	DS		C	
PCUSF0352FCZZ	38- 10	AB	DJ	N	C	
PCUSF0355FCZZ	38- 33	AC	DJ	N	C	
PCUSG0289FCZZ	7- 12	AF	DX		C	
PCUSG0326FCZZ	5- 30	AB	DJ		C	
PCUSS0242FCZZ	19- 13	AB	DD		C	
〃	20- 13	AB	DD		C	
PCUSU0203FCZZ	4- 26	AE	DS		C	
PDUC-0068FCZZ	20- 38	AZ	FX		D	
PDUC-0069FCZZ	20- 31	AQ	EQ		D	
PDUC-0070FCZZ	19- 38	AZ	FX		D	
PDUC-0071FCZZ	19- 31	AQ	EQ		D	
PDUC-0072FCZ1	19- 15	AT	EZ		D	
〃	20- 15	AT	EZ		D	
PDUC-0075FCZ1	35- 1	AU	EZ		D	
PDUC-0076FCZ2	35- 2	AN	EG		D	
PDUC-0077FCZ2	36- 1	AT	EZ	N	D	
PDUC-0079FCZZ	31- 10	AM	EQ		D	
PDUC-0082FCZZ	9- 17	AP	EQ		D	
PDUC-0083FCZZ	9- 19	AK	EB		D	
PDUC-0124FCZZ	10- 17	BF	GN	N	D	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
PDUC-0133FCZZ	16- 44	AP	EQ	N	D	
PDUC-0134FCZZ	16- 45	AN	EG	N	D	
PDUC-0142FCZZ	33- 1	AQ	EQ	N	D	
PDUC-0143FCZZ	33- 3	AL	EB	N	D	
PFiLZ0196FCZZ	23- 2	AE	DS		B	
PFiLZ0198FCZZ	11- 20	AF	DX		B	
PFiLZ0202FCZZ	34- 6	AS	EZ		B	
PFiLZ0249FCZZ	9- 12	BA	FX	N	B	
PFiLZ0250FCZZ	35- 11	BA	FX	N	B	
PFiLZ0253FCZZ	35- 4	AZ	FQ	N	B	
PFTA-0098FCZZ	1- 17	AU	FG		D	
PFTA-0100FCZZ	2- 47	AH	EB		D	
PFTA-0110FCZZ	10- 54	AF	DS		D	
PGiDH1388FCZ1	16- 50	AN	EG		C	
PGiDH1389FCZ1	16- 49	AK	DX		C	
PGiDH1392FCZ1	16- 104	AR	EQ		C	
PGiDH1395FCZ1	16- 110	AL	EB		C	
PGiDH1396FCZ1	16- 111	AS	EQ		C	
PGiDH1397FCZ1	16- 114	AR	EQ		C	
PGiDH1401FCZ1	29- 8	AS	EQ		C	
PGiDH1404FCZ2	30- 25	AQ	EQ		C	
PGiDH1405FCZ1	30- 30	AR	EQ		C	
PGiDH1406FCZ2	30- 33	AK	DX		C	
PGiDH1407FCZ1	30- 68	AN	EG		C	
PGiDH1408FCZ1	30- 57	AN	EQ		C	
PGiDH1409FCZ1	30- 45	AM	EG		C	
PGiDH1410FCZ1	30- 96	AL	EB		C	
PGiDH1411FCZ1	30- 93	AL	EB		C	
PGiDH1412FCZ1	30- 95	AM	EG		C	
PGiDH1414FCZ2	30- 11	AU	EZ		C	
PGiDH1418FCZ2	13- 77	AT	EZ	N	C	
PGiDH1419FCZZ	13- 61	AR	EZ		C	
PGiDH1420FCZZ	13- 59	AK	EB		C	
PGiDH1421FCZ1	13- 58	AR	EQ		C	
PGiDH1422FCZ1	32- 4	AL	EB		C	
PGiDH1423FCZ1	32- 23	AR	EQ		C	
PGiDH1424FCZ1	32- 24	AH	DX		C	
PGiDH1425FCZ1	10- 26	AS	EQ		C	
PGiDH1426FCZZ	11- 34	AM	EG		C	
PGiDH1437FCZ2	17- 22	AM	EG		C	
PGiDH1454FCZ1	30- 46	AM	EG		C	
PGiDH1461FCZ2	17- 38	AN	EQ		C	
PGiDH1482FCZZ	13- 153	AK	EB		C	
PGiDH1661FCZZ	16- 30	AQ	EQ	N	C	
PGiDH1665FCZZ	16- 5	AQ	EQ	N	C	
PGiDH1666FCZZ	16- 88	AP	EQ	N	C	
PGiDH1667FCZZ	16- 87	AQ	EQ	N	C	
PGiDH1704FCZZ	13- 106	AU	EZ	N	C	
PGiDH1706FCZZ	38- 1	AR	EQ	N	C	
PGiDH1707FCZZ	40- 10	AQ	EQ	N	C	
PGiDH1708FCZZ	38- 36	AF	DS	N	C	
PGiDH1734FCZZ	22- 6	AT	EZ	N	C	
PGiDM1413FCZZ	30- 80	AY	FQ		C	
PGiDM1415FCZZ	30- 17	AX	FQ		C	
PGiDM1440FCZ1	37- 12	AN	EQ		C	
PGiDM1442FCZZ	30- 98	AL	EG		C	
PGiDM1443FCZZ	13- 52	AW	FG		C	
PGiDM1444FCZZ	32- 25	AT	EZ		C	
PGiDM1445FCZZ	14- 6	AP	EQ		C	
PGiDM1448FCZ1	21- 35	AL	EG		C	
PGiDM1517FCZZ	21- 45	AQ	EQ		C	
PGiDM1658FCZZ	31- 54	AG	DX		C	
PGiDM1668FCZZ	13- 164	AE	DS	N	C	
PGiDM1698FCZZ	41- 6	AH	DX	N	C	
PGiDM1699FCZZ	41- 5	AH	DX	N	C	
PGiDM1736FCZZ	22- 20	AN	EG	N	C	
PGiDM1752FCZZ	41- 7	AE	DJ	N	C	
PGiDM1753FCZZ	41- 4	AE	DJ	N	C	
PGiDM1754FCZZ	14- 53	AL	EB	N	C	
PGiDM1755FCZZ	45- 1	AM	EG	N	C	
PGiDM1760FCZZ	22- 70	AN	EQ	N	C	
PGiDM1761FCZZ	22- 71	AN	EQ	N	C	
PGLSP0077FCZZ	1- 22	BL	HR		B	
PGLSP0078FCZZ	7- 33	AN	EQ		C	
PGUMS0208FCZZ	19- 4	AB	DD		C	
〃	20- 4	AB	DD		C	
PGUMS0209FCZZ	19- 21	AC	DD		C	
〃	20- 21	AC	DD		C	
PGUMS0231FCZZ	19- 35	AB	DJ		C	
〃	20- 35	AB	DJ		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
PGUMS0232FCZZ	19- 29	AB	DJ		C	
〃	20- 29	AB	DJ		C	
PGUMS0233FCZZ	19- 36	AB	DJ		C	
〃	20- 36	AB	DJ		C	
PGUMS0234FCZZ	19- 33	AA	DJ		C	
〃	20- 33	AA	DJ		C	
PGUMS0235FCZZ	19- 17	AB	DJ		C	
〃	20- 17	AB	DJ		C	
PGUMS0236FCZZ	7- 59	AB	DJ		C	
PGUMS0240FCZZ	21- 25	AT	EZ		C	
PGUMS0245FCZZ	39- 27	AH	DX		C	
PGUMS0246FCZZ	21- 65	AT	EZ		C	
PGUMS0247FCZZ	7- 96	AB	DJ		C	
PGUMS0264FCZZ	22- 62	AK	DX	N	C	
PGUMS0265FCZZ	41- 44	AC	DJ	N	C	
PGUMS0266FCZZ	42- 3	AD	DJ	N	C	
PGUMS0267FCZZ	45- 16	AE	DJ	N	C	
PGUMS0269FCZZ	11- 76	AC	DJ	N	C	
PHŌG-0213FCZZ	46- 32	AB	DD		C	
PHŌG-0234FCZZ	46- 3	AA	DD		C	
PHŌG-0238FCZZ	7- 114	AB	DD		C	
PMAGT0015FCZZ	2- 50	AD	DJ		B	
〃	10- 28	AD	DJ		B	
〃	30- 106	AD	DJ		B	
PMAGT0054FCZZ	2- 49	AG	DX		B	
PMAGT0073FCZZ	30- 35	AG	DX		B	
PMAGT0082FCZZ	41- 27	AF	DS	N	B	
PMAGT0083FCZZ	42- 21	AH	DX	N	B	
PMAGT0085FCZZ	41- 45	AH	DX	N	B	
PMiR-0114FCZZ	4- 25	AW	FG		B	
PMiR-0141FCZZ	5- 21	AZ	FX		B	
PMiR-0142FCZZ	5- 22	BA	FX		B	
PMiR-0143FCZZ	5- 1	AZ	FX		B	
PMiR-0144FCZ1	5- 2	AX	FG	N	B	
PMiR-0145FCZZ	7- 42	AX	FQ		B	
PMLT-0686FCZZ	41- 3	AA	DD		C	
PMLT-0890FCZZ	37- 29	AD	DS		C	
PMLT-0891FCZZ	37- 32	AB	DJ		C	
PMLT-0892FCZZ	37- 33	AB	DJ		C	
PMLT-0893FCZZ	18- 5	AC	DJ		C	
PMLT-0894FCZZ	18- 29	AA	DJ		C	
PMLT-0895FCZZ	18- 25	AA	DJ		C	
PMLT-0897FCZZ	8- 72	AC	DJ		C	
PMLT-0912FCZZ	8- 47	AB	DJ		C	
PMLT-0913FCZZ	32- 35	AB	DJ		C	
PMLT-0914FCZZ	37- 36	AF	DS		C	
PMLT-0915FCZZ	37- 35	AB	DJ		C	
PMLT-0916FCZZ	7- 11	AB	DJ		C	
PMLT-0917FCZZ	18- 70	AG	DX		C	
PMLT-0929FCZZ	31- 69	AB	DJ		C	
PMLT-0933FCZZ	14- 7	AG	DX		C	
PMLT-0973FCZZ	14- 43	AD	DJ		C	
PMLT-0974FCZZ	14- 45	AD	DJ		C	
PMLT-0975FCZZ	14- 46	AD	DJ		C	
PMLT-0994FCZZ	14- 50	AC	DJ		C	
PMLT-1097FCZZ	38- 15	AB	DJ	N	C	
PMLT-1098FCZZ	38- 14	AC	DJ	N	C	
PMLT-1099FCZZ	39- 21	AC	DJ	N	C	
PMLT-1104FCZZ	27- 2	AG	DX	N	C	
PMLT-1105FCZZ	27- 1	AE	DJ	N	C	
PMLT-1106FCZZ	14- 20	AD	DJ	N	C	
PMLT-1107FCZZ	14- 21	AC	DJ	N	C	
PMLT-1108FCZZ	14- 22	AD	DJ	N	C	
PMLT-1109FCZZ	14- 23	AD	DJ	N	C	
PMLT-1110FCZZ	14- 25	AD	DJ	N	C	
PMLT-1111FCZZ	14- 24	AD	DJ	N	C	
PMLT-1112FCZZ	33- 5	AC	DJ	N	C	
PMLT-1113FCZZ	33- 6	AC	DJ	N	C	
PMLT-1114FCZZ	33- 7	AC	DJ	N	C	
PMLT-1115FCZZ	15- 45	AC	DJ	N	C	
PMLT-1120FCZZ	21- 136	AB	DJ		C	
PPiPP0168FCZZ	18- 18	AE	DS		C	
PPiPP0170FCZZ	37- 7	AL	EG		C	
PRDAF0047FCZZ	53- 3	AC	DJ		C	
〃	57- 3	AC	DJ		C	
PRDAF0058FCZZ	53- 4	AK	EB		C	
PRDAR0056FCZZ	57- 4	AG	DX		C	
PRDAR0057FCZZ	57- 4	AE	DS		C	
PREFL0146FCZZ	11- 17	AS	EZ		C	
PREFL0157FCZZ	4- 22	AL	EB		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
PREFL0167FCZZ	4- 10	AV	FG	N	C	
PRNGP0019FCZZ	21- 40	AA	DD		C	
PRNGP0025FCZZ	18- 54	AA	DD		C	
〃	22- 60	AA	DD		C	
〃	37- 10	AA	DD		C	
PRNGP0039FCZZ	13- 111	AD	DJ		C	
PRNGP0066FCZZ	13- 122	AB	DD		C	
PRNGP0073FCZZ	13- 51	AE	DS		C	
PRNGP0081FCZZ	8- 67	AA	DJ		C	
〃	19- 20	AA	DJ		C	
〃	20- 20	AA	DJ		C	
〃	31- 28	AA	DJ		C	
PRNGP0084FCZZ	16- 17	AA	DJ		C	
PRNGP0086FCZZ	30- 170	AC	DJ		C	
PRNGP0096FCZZ	15- 14	AK	DX	N	C	
PRNGP0097FCZZ	15- 20	AK	DX	N	C	
PSEL−0521FCZZ	18- 32	AS	EZ		C	
PSEL−0522FCZZ	9- 46	AG	DX		C	
PSEL−0523FCZZ	9- 52	AB	DJ		C	
PSEL−0530FCZZ	18- 30	AE	DS		C	
PSEL−0531FCZZ	18- 24	AE	DS		C	
PSEL−0532FCZZ	15- 69	AB	DJ		C	
PSEL−0558FCZZ	9- 18	AT	EZ		C	
PSEL−0559FCZZ	9- 20	AT	EZ		C	
PSEL−0560FCZZ	8- 73	AF	DX		C	
PSEL−0577FCZZ	44- 10	AU	FG		C	
PSEL−0578FCZZ	11- 57	AE	DS		C	
PSEL−0580FCZZ	29- 48	AK	EB		C	
PSEL−0581FCZZ	9- 64	AB	DJ		C	
PSEL−0735FCZZ	15- 8	AC	DJ	N	C	
PSEL−0736FCZZ	15- 36	AE	DS	N	C	
PSEL−0737FCZZ	15- 37	AE	DS	N	C	
PSEL−0738FCZ1	15- 2	AK	EB	N	C	
PSEL−0739FCZZ	15- 3	AE	DJ	N	C	
PSEL−0740FCZZ	15- 5	AC	DJ	N	C	
PSEL−0741FCZZ	15- 4	AB	DJ	N	C	
PSEL−0743FCZZ	15- 76	AD	DJ	N	C	
PSHEG0316FCZZ	53- 5	AB	DD		C	
PSHEP1804FCZZ	46- 33	AB	DD		C	
PSHEP2340FCZZ	31- 34	AA	DD		C	
PSHEP2922FCZZ	1- 32	AA	DD		C	
PSHEP3092FCZZ	52- 46	AD	DJ		C	
PSHEP3223FCZZ	53- 6	AB	DD		C	
PSHEP3291FCZZ	16- 64	AB	DJ		C	
〃	17- 51	AB	DJ		C	
〃	24- 35	AB	DJ		C	
〃	30- 70	AB	DJ		C	
PSHEP3292FCZZ	16- 139	AB	DJ		C	
PSHEP3293FCZZ	11- 24	AD	DJ		C	
PSHEP3294FCZZ	18- 4	AC	DJ		C	
PSHEP3300FCZZ	7- 86	AR	EQ		C	
PSHEP3302FCZZ	5- 3	AC	DJ		C	
PSHEP3303FCZZ	5- 4	AC	DJ		C	
PSHEP3304FCZZ	7- 45	AE	DS		C	
PSHEP3323FCZ1	29- 37	AL	EB	N	C	
PSHEP3324FCZZ	29- 35	AE	DS		C	
PSHEP3333FCZZ	7- 60	AA	DJ		C	
〃	7- 88	AA	DJ		C	
PSHEP3346FCZZ	16- 137	AB	DJ		C	
PSHEP3377FCZZ	7- 15	AP	EQ		C	
PSHEP3399FCZZ	24- 34	AB	DJ		C	
〃	30- 150	AB	DJ		C	
PSHEP3408FCZZ	30- 160	AC	DJ		C	
PSHEP3413FCZZ	13- 124	AT	FG		C	
PSHEP3420FCZZ	10- 43	AC	DJ		C	
PSHEP3424FCZZ	31- 55	AB	DJ		C	
PSHEP3436FCZZ	7- 18	AG	DX		C	
PSHEP3437FCZZ	11- 58	AB	DJ		C	
PSHEP3438FCZZ	16- 72	AK	EB		C	
PSHEP3439FCZZ	16- 73	AK	EB		C	
PSHEP3454FCZZ	13- 53	AE	DS		C	
PSHEP3455FCZZ	43- 19	AH	DX		C	
PSHEP3460FCZZ	30- 177	AK	EB		C	
PSHEP3461FCZ1	35- 10	AC	DJ		C	
PSHEP3462FCZ1	35- 9	AC	DJ		C	
PSHEP3466FCZZ	21- 125	AC	DJ		C	
PSHEP3467FCZZ	21- 116	AD	DJ		C	
PSHEP3474FCZZ	7- 94	AD	DS		C	
PSHEP3475FCZZ	7- 87	AG	DX		C	
PSHEP3476FCZZ	8- 97	AF	DX		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
PSHEP3486FCZZ	21- 110	AM	EQ		C	
PSHEP3488FCZZ	15- 30	AB	DJ		C	
PSHEP3495FCZZ	21- 114	AM	EG		C	
〃	22- 54	AM	EG		C	
PSHEP3501FCZ1	16- 75	AD	DJ		C	
PSHEP3502FCZ1	16- 74	AD	DJ		C	
PSHEP3503FCZZ	30- 188	AK	EB		C	
PSHEP3504FCZZ	31- 58	AQ	EQ		C	
PSHEP3505FCZZ	31- 57	AQ	EQ		C	
PSHEP3506FCZZ	31- 59	AK	EB		C	
PSHEP3508FCZZ	31- 61	AQ	EQ		C	
PSHEP3509FCZZ	31- 62	AQ	EQ		C	
PSHEP3513FCZZ	17- 54	AB	DJ		C	
PSHEP3517FCZZ	18- 59	AK	EB		C	
PSHEP3518FCZZ	18- 60	AN	EQ		C	
PSHEP3519FCZZ	18- 58	AN	EQ		C	
PSHEP3521FCZZ	43- 18	AM	EQ		C	
PSHEP3522FCZZ	43- 17	AM	EQ		C	
PSHEP3526FCZZ	21- 66	AD	DS		C	
PSHEP3527FCZZ	21- 67	AC	DJ		C	
PSHEP3535FCZZ	19- 62	AN	EQ		C	
〃	20- 54	AN	EQ		C	
PSHEP3542FCZZ	7- 102	AH	DX		C	
PSHEP3543FCZZ	7- 95	AB	DJ		C	
PSHEP3545FCZZ	30- 73	AC	DJ		C	
PSHEP3546FCZZ	29- 47	AE	DS		C	
PSHEP3548FCZZ	30- 20	AB	DJ		C	
PSHEP3549FCZZ	30- 181	AB	DJ		C	
PSHEP3550FCZZ	30- 180	AB	DJ		C	
PSHEP3551FCZZ	30- 183	AD	DS		C	
PSHEP3553FCZZ	8- 106	AF	DX		C	
PSHEP3555FCZZ	37- 34	AC	DJ		C	
PSHEP3558FCZZ	16- 78	AE	DS		C	
PSHEP3560FCZZ	30- 185	AC	DJ		C	
PSHEP3561FCZZ	7- 110	AD	DJ		C	
PSHEP3562FCZZ	7- 107	AB	DJ		C	
PSHEP3563FCZZ	7- 106	AB	DJ		C	
PSHEP3568FCZZ	21- 105	AC	DJ		C	
PSHEP3575FCZZ	2- 53	AC	DJ		C	
PSHEP3706FCZZ	29- 50	AB	DJ		C	
PSHEP3707FCZZ	29- 49	AB	DJ		C	
PSHEP4027FCZ1	30- 196	AG	DS		C	
PSHEP4028FCZ1	30- 195	AG	DS		C	
PSHEP4052FCZZ	13- 168	AD	DJ		C	
PSHEP4126FCZZ	30- 194	AD	DJ		C	
PSHEP4127FCZZ	13- 170	AF	DS		C	
PSHEP4211FCZZ	38- 2	AC	DJ	N	C	
PSHEP4212FCZZ	42- 20	AB	DJ	N	C	
PSHEP4213FCZZ	41- 18	AE	DS	N	C	
PSHEP4214FCZZ	41- 22	AD	DJ	N	C	
PSHEP4223FCZZ	11- 75	AB	DJ	N	C	
PSHEP4259FCZZ	9- 30	AG	DX	N	C	
PSHEP4260FCZZ	13- 159	AD	DJ		C	
PSHEP4263FCZZ	15- 70	AC	DJ	N	C	
PSHEP4270FCZZ	28- 61	AC	DJ	N	C	
PSHEP4287FCZZ	40- 26	AD	DJ	N	C	
PSHEP4300FCZZ	30- 72	AD	DJ	N	C	
PSHEP4301FCZZ	30- 71	AD	DJ	N	C	
PSHEP4350FCZZ	13- 171	AD	DJ	N	C	
PSHEP4351FCZZ	13- 172	AD	DJ	N	C	
PSHEP4353FCZZ	31- 74	AC	DJ	N	C	
PSHEP4355FCZZ	42- 29	AF	DS	N	C	
PSHEP4356FCZZ	42- 30	AF	DS	N	C	
PSHEP4358FCZZ	31- 78	AC	DJ	N	C	
PSHEP4388FCZZ	16- 147	AC	DJ	N	C	
PSHEZ2097FCZZ	52- 11	AF	DS		C	
PSHEZ3138FCZZ	42- 4	AC	DD		C	
PSHEZ3305FCZZ	38- 3	AC	DJ		C	
PSHEZ3307FCZ1	21- 76	AP	EQ	N	C	
PSHEZ3325FCZZ	32- 3	AC	DJ		C	
PSHEZ3329FCZZ	21- 85	AF	DX		C	
PSHEZ3334FCZZ	7- 43	AA	DJ		C	
PSHEZ3335FCZZ	7- 44	AA	DJ		C	
PSHEZ3337FCZZ	8- 88	AE	DS		C	
PSHEZ3393FCZZ	53- 7	AC	DJ		C	
PSHEZ3405FCZZ	52- 4	AR	EQ		C	
PSHEZ3407FCZZ	52- 25	AE	DS		C	
PSHEZ3411FCZZ	30- 90	AC	DJ		C	
PSHEZ3435FCZ1	7- 93	AD	DS		C	
PSHEZ3457FCZZ	18- 71	AM	EG		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
PSHEZ3473FCZZ	4- 21	AE	DS		C	
PSHEZ3479FCZZ	8- 105	AS	EZ		C	
PSHEZ3507FCZZ	31- 60	AK	EB		C	
PSHEZ3510FCZZ	30- 176	AF	DX		C	
PSHEZ3524FCZZ	45- 15	AQ	EQ		C	
PSHEZ3536FCZZ	19- 63	AA	DJ		C	
〃	20- 55	AA	DJ		C	
PSHEZ3657FCZZ	45- 19	AB	DJ		C	
PSHEZ3671FCZZ	2- 55	AB	DJ		C	
PSHEZ3672FCZZ	2- 54	AB	DJ		C	
PSHEZ3733FCZZ	7- 66	AF	DX		C	
PSHEZ4231FCZZ	30- 192	AH	DX		C	
PSHEZ4257FCZZ	15- 47	AC	DJ	N	C	
PSHEZ4258FCZZ	15- 48	AC	DJ	N	C	
PSHEZ4271FCZZ	14- 47	AG	DS	N	C	
PSHEZ4313FCZZ	14- 70	AE	DS	N	C	
PSHT-0059FCZZ	18- 16	AD	DJ		C	
PSHT-0072FCZZ	14- 52	AN	EG	N	C	
PSHT-0073FCZZ	8- 123	AG	DX	N	C	
PSLDH0178FCZZ	3- 8	AD	DJ		C	
PSPAP5020BCZZ	16- 130	AA	DD		C	
〃	30- 154	AA	DD		C	
PSPAZ0095FCZZ	16- 129	AB	DD		C	
〃	26- 5	AB	DD		C	
〃	28- 23	AB	DD		C	
PSPAZ0216FCZZ	13- 135	AA	DD		C	
PSPAZ0608FCZZ	11- 36	AB	DJ		C	
PSPAZ0616FCZZ	16- 57	AB	DJ		C	
PSPAZ0621FCZZ	30- 42	AD	DJ		C	
PSPAZ0624FCZZ	21- 121	AE	DS		C	
PSPAZ0625FCZZ	31- 64	AQ	EQ		C	
PSPAZ0627FCZZ	30- 187	AK	EB		C	
PSPAZ0631FCZZ	21- 104	AB	DJ		C	
PSPAZ0633FCZZ	31- 66	AB	DJ		C	
PTME-0174FCZ1	13- 63	AG	DS		S	
PTME-0226FCZZ	13- 78	AQ	EQ		S	
PTME-0227FCZZ	18- 37	AK	EB		S	
PTME-0228FCZZ	1- 40	AC	DJ		C	
PTME-0231FCZZ	13- 6	AE	DS		C	
PTPE-0094FCZZ	18- 77	AK	EB		C	
PTPE-0186FCZZ	37- 24	AC	DJ		C	
PTPE-0187FCZZ	37- 25	AC	DJ		C	
PTPE-0191FCZZ	15- 50	AF	DX		C	
PTUBP0108FCZZ	16- 81	AB	DJ		C	
PVLV-0004FCZZ	19- 14	AC	DJ		C	
〃	20- 14	AC	DJ		C	
PVLV-0015FCZZ	16- 43	AF	DS	N	C	
PVLVA0007FCZZ	19- 34	AE	DS		C	
〃	20- 34	AE	DS		C	
PVLVA0008FCZZ	19- 18	AF	DX		C	
〃	20- 18	AF	DX		C	
PVLVA0013FCZZ	31- 26	AH	DX		C	
PWET-0025FCZ1	13- 75	AN	EQ		C	
PWiR-0154FCZZ	7- 27	AS	EZ		C	
PWiR-0155FCZZ	7- 55	AP	EQ		C	
PWiR-0158FCZZ	21- 75	AN	EQ		C	
PWiR-0163FCZZ	1- 7	AK	EB		C	
PWiR-0169FCZZ	21- 90	AC	DJ		C	
〃	23- 21	AC	DJ		C	
PWiR-0177FCZZ	21- 129	AS	EQ		C	
PWiR-0178FCZZ	21- 74	AR	EQ		C	
PWiR-0182FCZZ	22- 19	AR	EQ	N	C	
PWiR-0183FCZZ	22- 18	AR	EQ	N	C	
【Q】						
QACCD7415QCZZ	46- 6	AX	FX		B	
QACCD7418QCZZ	46- 6	BC	GJ		B	
QACCE7422QCZZ	46- 6	BB	GD		B	
QACCJ2414QCZZ	46- 6	BA	GD		B	
QACCJ3410QCZZ	46- 6	AS	EZ		B	
QACCL8421QCN1	46- 6	AX	FQ		B	
QACCV6420QCZZ	46- 6	AV	FQ		B	
QCNCM0672FCZZ	56- 2	AB	DD		C	
〃	57- 5	AB	DD		C	
QCNCM0894FCZZ	57- 7	AD	DJ		C	
QCNCM0895FCZZ	57- 6	AG	DX		C	
QCNCM2190SCZZ	57- 7	AG	DS		C	
QCNCM5084BC1B	55- 1	AE	DJ		C	
QCNCM7002GC0C	55- 2	AD	DJ	N	C	
QCNCW0386FCZZ	55- 3	AC	DJ		C	
QCNCW0390FCZZ	55- 4	AE	DS		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
QCNCW0391FCZZ	55- 5	AC	DD		C	
QCNCW0398FCZZ	55- 6	AB	DD		C	
QCNCW0445FCZZ	57- 11	AA	DD		C	
QCNCW0448FCZZ	57- 8	AB	DD		C	
QCNCW0449FCZZ	57- 8	AB	DD		C	
QCNCW0450FCZZ	53- 8	AC	DD		C	
〃	56- 3	AC	DD		C	
QCNCW0814FCZZ	53- 9	AH	DX		C	
QCNCW0840FCZZ	54- 2	AG	DX		C	
QCNCW0843FCZZ	57- 9	AC	DJ		C	
QCNCW0857FCZZ	57- 10	AC	DJ		C	
QCNCW0885FCZZ	53- 10	AG	DX		C	
QCNCW0938FCZZ	53- 11	AF	DS		C	
QCNCW0939FCZZ	53- 12	AG	DS		C	
QCNCW0940FCZZ	53- 13	AG	DX		C	
QCNCW0941FCZZ	53- 14	AG	DX		C	
QCNCW0942FCZZ	53- 15	AG	DX		C	
QCNCW5090BC1J	55- 7	AE	DJ		C	
QCNW-0001QCZZ	46- 6	AN	EQ		C	
QCNW-0069FCZZ	46- 5	AC	DD		C	
QCNW-0120FCZZ	46- 6	AU	FQ		C	
QEARP0060FCZZ	11- 48	AD	DJ		C	
QEARP0061FCZZ	11- 39	AE	DS		C	
QEARP0062FCZZ	18- 23	AD	DJ		C	
QEARP0063FCZZ	43- 7	AF	DX		C	
QEARP0064FCZZ	43- 5	AF	DX		C	
QEARP0065FCZZ	44- 7	AF	DS		C	
QEARP0069FCZZ	2- 42	AF	DX		C	
QEARP0091FCZZ	8- 126	AF	DS	N	C	
QFS-A0331QCZZ	58- 1	AE	DS		A	
QFS-A2700QCZZ	57- 12	AD	DJ		A	
QFS-B3700QCZZ	57- 12	AG	DS		A	
QFS-C1500QCZZ	57- 12	AF	DS		A	
QFS-D0301QCZZ	58- 2	AE	DJ	N	A	
QFS-D132BQCZZ	58- 2	AE	DS	N	A	
QFS-D4341CCZZ	57- 12	AE	DJ		A	
〃	58- 1	AE	DJ		A	
QFSHA1002CCZZ	57- 13	AB	DD		C	
QFSHD0001QCZZ	57- 13	AA	DD		C	
QFSHD0026FCZZ	57- 13	AC	DJ		C	
QFSHD0027FCZZ	57- 13	AF	DS	N	C	
QPLGA0001QCZZ	46- 6	AN	EQ		C	
QPLGA0002QCZZ	46- 6	AN	EQ		C	
QPLGA0003QCZZ	46- 6	AN	EQ		C	
QPLGA4171CCZZ	46- 6	AN	EG		C	
QPLGN0056FCZZ	46- 4	AB	DD		C	
QSLP-0162FCZ2	28- 41	AF	DS		C	
QSLP-0164FCZ1	28- 14	AD	DS		C	
QSŌCZ2051SC32	53- 16	AC	DJ		C	
〃	55- 8	AC	DJ		C	
QSŌCZ6428ACZZ	53- 17	AE	DS		C	
〃	55- 9	AE	DS		C	
QSW-L0260FCZZ	17- 23	AQ	EZ		B	
QSW-L0443FCZZ	38- 18	AM	EG		B	
QSW-L0496FCZZ	29- 19	AX	FG		B	
QSW-L0499FCZZ	1- 72	AR	EQ	N	B	
〃	41- 10	AR	EQ	N	B	
QSW-M0296FCZZ	10- 12	AM	EG		B	
QSW-M0319FCZZ	10- 24	AG	DS		B	
QSW-M0372FCZZ	10- 24	AH	DX		B	
QSW-M0453FCZZ	2- 38	AM	EQ		B	
QSW-M0454FCZZ	2- 38	AM	EG		B	
QSW-M0502FCZZ	14- 11	AH	DX	N	B	
QSW-M0503FCZZ	13- 4	AK	DX	N	B	
QSW-P0460FCZZ	54- 3	AC	DJ		B	
QSW-P0467FCZZ	54- 4	AF	DS		B	
QSW-W9030QSZZ	8- 119	AV	FG		B	
QSW-Z0419FCZZ	13- 73	AM	EG		B	
〃	16- 8	AM	EG		B	
〃	37- 23	AM	EG		B	
QSW-Z0455FCZZ	10- 12	AV	FG		B	
QSW-Z0457FCZZ	16- 83	AP	EQ		B	
〃	30- 3	AP	EQ		B	
〃	39- 22	AP	EQ		B	
QSW-Z0463FCZZ	17- 35	AP	EQ		B	
QSW-Z0475FCZZ	30- 78	AP	EQ		B	
QSW-Z1390QCZZ	8- 52	BA	FX		B	
QTANN0015FCZZ	46- 34	AG	DS		C	
QTANP0088FCZZ	46- 4	AA	DD		C	
QTANP0093FCZZ	57- 14	AB	DD		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
QTANP0096FCZZ	46- 6	AA	DD		C	
QTANP0186FCZZ	46- 9	AB	DJ		C	
QTANP0193FCZZ	57- 14	AC	DJ		C	
【R】						
RC-AZ0349FCZ1	53- 18	AE	DS		C	
RC-QZ0117FCZZ	57- 15	AD	DJ		C	
RC-QZ0314FCZZ	57- 16	AH	DX		C	
RCiLF0043FCZ1	57- 18	AL	EG		C	
RCiLF0061FCZZ	46- 36	AQ	EQ		B	
RCiLF0073FCZZ	57- 17	AX	FG	N	C	
RCiLF0074FCZZ	57- 18	AH	DX	N	C	
RCiLF0075FCZZ	57- 19	AQ	EQ	N	C	
RCiLF0076FCZZ	57- 17	AQ	EQ	N	C	
RCiLF0079FCZZ	46- 37	AZ	FQ	N	B	
RCRS-0007FCZZ	54- 5	AD	DJ		B	
RCRS-0010FCZZ	53- 19	AK	EB		B	
RCRS-0018FCZZ	55- 10	AE	DS		B	
RCRS-0019FCZZ	55- 11	AF	DS		B	
RCRS-0027FCZZ	53- 20	AF	DS	N	B	
RDTCT0101FCZ1	15- 13	BA	FX	N	B	
RDTCT0106FCZZ	4- 8	BC	GN		B	
RDTCT0131FCZZ	13- 102	AV	FG	N	B	
RDTCT0132FCZZ	14- 59	BA	FX	N	B	
RH-DZ0019FCZZ	57- 20	AG	DX		B	
RHETN0059FCZZ	12- 5	BH	HC		B	
RHETN0061FCZZ	12- 5	BH	HC		B	
RHETN0063FCZZ	12- 5	BH	HG		B	
RLMPU0519FCZ1	4- 12	BE	GN		B	
RLMPU0520FCZZ	4- 12	BE	GN		B	
RLMPU0585FCZZ	13- 115	BB	GD	N	B	
RLMPU0586FCZZ	13- 115	BB	GD	N	B	
RLMPU0587FCZZ	13- 115	BB	GD	N	B	
RLMPU0588FCZZ	13- 115	BB	GD	N	B	
RLMPU0589FCZZ	13- 115	BB	GD	N	B	
RLMPU0590FCZZ	13- 115	BB	GD	N	B	
RLMPU0591FCZZ	13- 115	BB	GD	N	B	
RLMPU0592FCZZ	13- 116	BA	FX	N	B	
RLMPU0593FCZZ	13- 116	BA	FX	N	B	
RLMPU0594FCZZ	13- 116	BA	FX	N	B	
RLMPU0595FCZZ	13- 116	BA	FX	N	B	
RLMPU0596FCZZ	13- 116	BA	FX	N	B	
RLMPU0597FCZZ	13- 116	BA	FX	N	B	
RLMPU0598FCZZ	13- 116	BA	FX	N	B	
RMŌTE0630FCZZ	9- 25	AW	FX		B	
〃	33- 2	AW	FX		B	
〃	35- 5	AW	FX		B	
〃	36- 2	AW	FX		B	
RMŌTE0700FCZZ	46- 17	AX	FX		B	
RMŌTE0729FCZ1	9- 5	AZ	FX		B	
〃	34- 3	AZ	FX		B	
RMŌTE0812FCZZ	14- 29	AZ	FQ	N	B	
RMŌTE0813FCZZ	14- 41	AZ	FQ	N	B	
RMŌTP0595FCZZ	35- 6	BB	GN		B	
RMŌTP0696FCZZ	7- 47	AV	FQ		B	
RMŌTP0697FCZZ	7- 52	AV	FQ		B	
RMŌTP0728FCZZ	30- 124	BA	GD		B	
RMŌTP0731FCZZ	32- 27	BA	GD		B	
RMŌTP0802FCZZ	9- 11	BQ	LP	N	B	
RMŌTP0803FCZZ	9- 31	BQ	LP	N	B	
RMŌTP0804FCZZ	28- 53	BT	NE	N	B	
RMŌTP0805FCZZ	9- 22	BT	NE	N	B	
RMŌTP0808FCZZ	31- 42	AY	FQ	N	B	
RMŌTP0809FCZZ	16- 95	AY	FQ	N	B	
RMŌTP0815FCZZ	7- 3	CA	TV	N	B	
RMŌTV0594FCZZ	22- 63	BB	GN		B	
RMŌTV0730FCZ1	21- 50	BB	GD		B	
RMŌTV0807FCZZ	40- 37	AW	FG	N	B	
RMPTA0021FCZZ	56- 4	AH	DX		B	
RMPTA0030FCZZ	56- 4	AE	DJ		B	
RMPTA0031FCZZ	57- 21	AE	DJ		B	
RMPTA0032FCZZ	57- 21	AF	DS	N	B	
RMPTC4102QCJB	54- 6	AB	DD		B	
RMPTC4103QCJB	53- 21	AD	DJ		B	
RMPTC4472QCJB	53- 22	AB	DD		B	
RMPTC7103QCJB	53- 23	AB	DD		B	
RMPTC7222QCJB	53- 24	AC	DD	N	B	
RMPTC8103QCJB	53- 25	AC	DD		B	
RMPTC8104QCJB	53- 26	AC	DD		B	
RMPTC8472QCJB	53- 27	AB	DJ		B	
RPLU-0284FCZZ	24- 12	AQ	EQ		B	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
RPLU-0285FCZZ	20- 51	AS	EZ		B	
〃	31- 22	AS	EZ		B	
RPLU-0287FCZZ	13- 39	AS	EZ		B	
RPLU-0288FCZZ	18- 7	AS	EZ		B	
RPLU-0289FCZZ	6- 13	AU	FG		B	
RPLU-0290FCZZ	39- 28	AT	FG		B	
RPLU-0291FCZZ	32- 14	AS	EZ		B	
RPLU-0292FCZZ	19- 49	AT	EZ		B	
〃	20- 49	AT	EZ		B	
RPLU-0293FCZZ	30- 161	AQ	EQ		B	
RR-TZ1010ACZZ	55- 12	AE	DS		C	
RR-TZ8472ACZZ	55- 13	AD	DJ		C	
RR-WZ0328FCZZ	57- 22	AD	DJ		C	
RR-XZ0337FCZZ	57- 23	AC	DJ		C	
RR-XZ0338FCZZ	57- 23	AC	DJ		C	
RRLYD3222QCZZ	57- 25	AL	EB		B	
RRLYD4122QCZZ	57- 24	AU	FG		B	
RRLYD4220QCZZ	57- 25	AP	EQ		B	
RRLYD6120QCZZ	57- 24	AP	EQ		B	
RTHM-0009FCZZ	13- 101	AK	EB		B	
RTHM-0014FCZZ	13- 101	AM	EG		B	
RTRNZ0528FCZ1	9- 16	CA	TR	N	B	
RVR-MD400QCZZ	56- 5	AE	DS		B	
RVR-M1100QCZZ	55- 14	AD	DS		B	
〃	56- 6	AD	DS		B	
RVR-M1514QCZZ	56- 7	AE	DS		B	
【S】						
SBNDZ0010FCZZ	52- 26	AA	DD		D	
SPAKA1624FCZZ	52- 27	AB	DD		D	
SPAKA1672FCZZ	52- 28	AA	DD		D	
SPAKA2159FCZZ	52- 13	AB	DD		D	
SPAKA4527FCZZ	52- 29	AD	DJ		D	
SPAKA4932FCZZ	52- 9	AW	FG		D	
SPAKA4935FCZZ	52- 5	AX	FQ		D	
SPAKA4936FCZZ	52- 2	AZ	FX		D	
SPAKA5002FCZZ	52- 12	AE	DS		D	
SPAKA5114FCZZ	52- 52	AU	FG		D	
SPAKA5513FCZZ	52- 3	BB	FX	N	D	
SPAKA5514FCZZ	52- 14	AC	DJ	N	D	
SPAKC5509FCZZ	52- 10	BS	MW	N	D	
SPAKC5509FC11	52- 10	BR	LX	N	D	
SPAKC5509FC12	52- 10	BS	MW	N	D	
SPAKC5535FCZZ	52- 10	BT	NE	N	D	
SPAKC5535FC11	52- 10	BT	NE	N	D	
SPAKW4938FCZZ	52- 7	BS	NE		D	
SSAKA2440QCZZ	52- 30	AB	DD		D	
【T】						
TCADS0497FCZZ	52- 31	AH	DX		D	
TCADS0649FCZZ	52- 31	AM	EG		D	
TCADZ0776FCZ1	52- 32	AG	DX	N	D	
TCADZ1160FCZ1	52- 47	AD	DJ		D	
TCADZ1161FCZZ	52- 47	AE	DJ	N	D	
TCADZ1162FCZZ	52- 47	AF	DS	N	D	
TCADZ1276FCZZ	52- 33	AF	DS	N	D	
TCADZ1296FCZZ	52- 34	AC	DJ	N	D	
TCADZ1302FCZZ	52- 48	AE	DJ	N	D	
TCADZ1303FCZZ	52- 49	AE	DJ	N	D	
TCADZ2001QCZA	52- 35	AE	DS		D	
TCAUA0766FCZZ	1- 64	AB	DD		C	
TCAUA0770FCZZ	1- 64	AB	DD		C	
TCAUH0687FCZZ	1- 64	AA	DD		C	
TCAUH0819FCZZ	1- 62	AA	DD		C	
〃	11- 59	AA	DD		C	
TCAUH0821FCZZ	1- 62	AA	DD		C	
〃	11- 59	AA	DD		C	
TCAUH0879FCZZ	13- 203	AC	DD		C	
TCAUH0918FCZZ	1- 64	AA	DD		C	
TCAUH0931FCZZ	13- 203	AB	DD		C	
TCAUH0947FCZZ	7- 104	AB	DJ		C	
TCAUH0974FCZZ	1- 62	AB	DJ		C	
〃	11- 59	AB	DJ		C	
TCAUH0983FCZZ	8- 31	AC	DJ		C	
TCAUH0985FCZZ	23- 23	AD	DJ		C	
TCAUH0991FCZZ	13- 49	AE	DS		C	
TCAUH0992FCZZ	13- 49	AE	DS		C	
〃	13- 54	AE	DS		C	
TCAUH1013FCZZ	13- 49	AD	DJ		C	
〃	13- 203	AD	DJ		C	
TiNSE1447FCZZ	52- 36	BC	GD	N	D	
TiNSE1448FCZZ	52- 36	BH	GX	N	D	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
TiNSE1456FCZZ	52- 37	AW	FG	N	D	
TiNSE1457FCZZ	52- 37	BC	GD	N	D	
TiNSE1458FCZZ	52- 37	BA	FX	N	D	
TiNSE1492FCZZ	52- 36	BN	HZ	N	D	
TiNSF1449FCZZ	52- 36	BN	HZ	N	D	
TiNSF1459FCZZ	52- 37	BC	GD	N	D	
TiNSG1450FCZZ	52- 36	BN	HZ	N	D	
TiNSG1460FCZZ	52- 37	BC	GD	N	D	
TiNSH1453FCZZ	52- 36	BN	HZ	N	D	
TiNSH1463FCZZ	52- 37	BC	GD	N	D	
TiNSi1452FCZZ	52- 36	BN	HZ	N	D	
TiNSi1462FCZZ	52- 37	BC	GD	N	D	
TiNSJ1446FCZZ	52- 36	BL	HL	N	D	
TiNSJ1455FCZZ	52- 37	AZ	FQ	N	D	
TiNSS1451FCZZ	52- 36	BN	HZ	N	D	
TiNSS1461FCZZ	52- 37	BC	GD	N	D	
TiNSZ1454FCZZ	52- 36	BN	HZ	N	D	
TiNSZ1464FCZZ	52- 37	BC	GD	N	D	
TLABH3419FCZZ	23- 20	AG	DX		C	
TLABH3420FCZZ	23- 20	AG	DX		C	
TLABH3421FCZZ	23- 20	AC	DJ		C	
TLABH3453FCZZ	11- 74	AB	DJ		C	
TLABH3454FCZZ	11- 74	AB	DJ		C	
TLABH3455FCZZ	11- 74	AC	DJ		C	
TLABH3484FCZZ	23- 20	AG	DX		C	
TLABH3956FCZZ	1- 18	AN	EQ	N	C	
TLABH3957FCZZ	1- 18	AN	EQ	N	C	
TLABH3958FCZZ	1- 18	AN	EQ	N	C	
TLABH3959FCZZ	1- 18	AN	EQ	N	C	
TLABH3960FCZZ	1- 18	AN	EQ	N	C	
TLABH3999FCZZ	52- 51	AF	DS	N	C	
TLABH4000FCZZ	52- 51	AF	DS	N	C	
TLABZ0241FCZZ	52- 38	AB	DD		C	
TLABZ0248FCZZ	52- 38	AB	DD		C	
TLABZ1810FCZZ	15- 10	AA	DD		C	
TLABZ1840FCWZ	1- 16	AB	DD		C	
TLABZ2085FCZZ	13- 33	AB	DD		C	
TLABZ2086FCZZ	13- 33	AB	DD		C	
TLABZ2424FCZZ	21- 33	AB	DD		C	
〃	22- 8	AB	DD		C	
TLABZ3264FCZZ	1- 65	AB	DJ		C	
TLABZ3279FCZ1	41- 1	AE	DS		C	
TLABZ3280FCZ1	41- 1	AE	DS		C	
TLABZ3407FCZZ	16- 80	AB	DJ		C	
TLABZ3409FCZZ	1- 59	AB	DJ		C	
TLABZ3410FCZZ	1- 60	AB	DJ		C	
TLABZ3411FCZZ	1- 61	AB	DJ		C	
TLABZ3412FCZZ	13- 55	AB	DJ		C	
TLABZ3413FCZZ	13- 204	AB	DJ		C	
TLABZ3414FCZZ	30- 40	AB	DJ		C	
TLABZ3415FCZZ	30- 41	AB	DJ		C	
TLABZ3416FCZZ	30- 91	AB	DJ		C	
TLABZ3417FCZZ	17- 53	AB	DJ		C	
TLABZ3430FCZ1	41- 1	AF	DS		C	
TLABZ3431FCZZ	1- 58	AG	DX		C	
TLABZ3456FCZZ	18- 75	AB	DJ		C	
TLABZ3457FCZZ	13- 57	AB	DJ		C	
TLABZ3461FCZZ	21- 111	AB	DJ		C	
TLABZ3576FCZZ	52- 51	AE	DS		C	
TLABZ3836FCZZ	29- 53	AF	DS		C	
TLABZ3903FCZZ	1- 73	AF	DS		C	
TLABZ3961FCZZ	16- 79	AF	DS	N	C	
TLABZ3962FCZZ	41- 9	AH	DX	N	C	
TLABZ3963FCZZ	42- 28	AG	DX	N	C	
TLABZ3964FCZZ	42- 6	AD	DJ	N	C	
【U】						
UBATL0010FCZZ	53- 28	AG	DS		A	
UCLEZ0009FCZZ	52- 40	AE	DS		D	
UCLEZ0125FCZZ	18- 2	AW	FG		C	
UCLEZ0145FCZZ	15- 9	AK	DX	N	C	
【V】						
VCCCTV1HH101J	53- 29	AA	DD		C	
VCCCTV1HH220J	53- 30	AA	DD		C	
VCCCTV1HH221J	55- 15	AA	DD		C	
VCEAFU1HN105M	53- 31	AD	DS		C	
VCEAGA1AW477M	55- 17	AB	DD		C	
VCEAGA1CW477M	53- 33	AB	DJ		C	
〃	55- 19	AB	DJ		C	
VCEAGA1VW106M	53- 35	AA	DD		C	
VCEAGU1AW476M	54- 7	AA	DD		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
VCEAGU1AW476M	55- 16	AA	DD		C	
VCEAGU1CW476M	53- 32	AB	DD		C	
〃	55- 18	AB	DD		C	
VCEAGU1EW477M	53- 34	AD	DJ		C	
VCEAGU1HW334M	55- 20	AA	DD		C	
VCEAGU1HW335M	55- 21	AA	DD		C	
VCEAGU1VW107M	55- 22	AB	DD		C	
〃	57- 26	AB	DD		C	
VCEAGU1VW108M	53- 38	AE	DX		C	
VCEAGU1VW476M	53- 36	AB	DD		C	
〃	55- 23	AB	DD		C	
VCEAGU1VW477M	53- 37	AD	DJ		C	
〃	55- 24	AD	DJ		C	
VCFYEG2EA224M	57- 27	AE	DS		C	
VCFYPU1HA474J	57- 15	AE	DS	N	C	
VCKYPU1HF223Z	56- 8	AA	DD		C	
VCKYTQ1HF104Z	53- 39	AA	DD		C	
VCKYTV1HB101K	54- 8	AA	DD		C	
VCKYTV1HB102K	53- 40	AA	DD		C	
〃	55- 25	AA	DD		C	
VCKYTV1HB222K	55- 26	AA	DD		C	
VCKYTV1HB223K	53- 41	AA	DD		C	
〃	54- 9	AA	DD		C	
〃	55- 27	AA	DD		C	
VCKYTV1HB332K	53- 42	AA	DD		C	
VCKYTV1HB681K	55- 28	AA	DD		C	
VCQYNU1HM103K	53- 43	AA	DD		C	
〃	55- 29	AA	DD		C	
VCQYNU1HM104K	56- 9	AB	DD		C	
〃	57- 28	AB	DD		C	
VCQYNU1HM223K	57- 29	AA	DD		C	
VCQYNU1HM473K	57- 29	AB	DD		C	
VHDDAN202K/-1	53- 44	AB	DD		B	
VHDDAN217//-1	53- 45	AC	DD		B	
〃	55- 30	AC	DD		B	
VHDDAP202K/-1	53- 46	AB	DD		B	
〃	55- 31	AB	DD		B	
VHDDSM1D1//-U	53- 47	AB	DJ		B	
〃	55- 32	AB	DJ		B	
VHDDSS133//-1	53- 48	AA	DD		B	
〃	57- 30	AA	DD		B	
VHDEK04////-1	53- 49	AD	DJ		B	
VHDMA704A//-1	53- 50	AC	DJ		B	
VHDRLS73///-1	55- 33	AA	DD		B	
VHDS1WBA60S-1	57- 31	AD	DJ		B	
VHEHZ302L//-1	57- 32	AC	DJ	N	B	
VHEHZ6A1///-1	53- 51	AB	DD		B	
VHERD22FB//-1	53- 52	AD	DJ		B	
VHERD4.3EL3-1	53- 53	AB	DD		B	
VHERD56FB//-1	53- 54	AD	DJ		B	
VHH8KD5////-1	55- 34	AC	DD		B	
VHiAT28C64B-1	53- 55	AZ	FQ		B	
VHiFH45560/-1	53- 56	BA	FX	N	B	
VHiHD64646F-1	55- 35	AV	FX		B	
VHiHD8-570L03	53- 57	BG	GX		B	
VHiLC3564SM10	53- 58	AS	EZ		B	
〃	55- 36	AS	EZ		B	
VHiLH531GP5-1	55- 37	AR	EZ		B	
VHiLM339NS/-1	53- 59	AD	DD		B	
〃	55- 38	AD	DD		B	
VHiLM358P//-1	56- 10	AG	EG		C	
VHiLM358PS/-S	53- 60	AC	DJ		B	
VHiLM393PS/-S	53- 61	AC	DJ		B	
VHiLR3717M/-1	54- 10	AH	DX		B	
VHiM54534FP-1	53- 62	AH	DX		B	
VHiM66313FP-1	54- 11	AN	EQ		B	
VHiM66500FP-1	53- 63	AT	FQ		B	
VHiNJM78L05A1	55- 39	AD	DJ		B	
VHiSHN002//-1	57- 33	AU	FQ		B	
VHiSMA4031/-1	53- 64	AL	EG		B	
VHiSN74HC00NS	53- 65	AC	DD		B	
VHiSN74HC138S	53- 66	AE	DJ		B	
VHiSN74HC139S	53- 67	AF	DS		B	
VHiSN74HC14NS	53- 68	AE	DJ		B	
VHiSN74HC241S	53- 69	AH	DX		B	
VHiSN74HC244S	55- 40	AF	DS		B	
VHiSN74HC32NS	53- 70	AK	EB		B	
VHiSN74HC86NS	53- 71	AD	DJ		B	
VHiSN74LS02NS	55- 41	AF	DS		B	
VHiSN74LS04NS	53- 72	AF	DS		B	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
VHiSN74LS04NS	55- 42	AF	DS		B	
VHiSN74LS08NS	55- 43	AF	DS		B	
VHiSN74LS123N	53- 73	AL	EG		B	
VHiSN74LS138N	55- 44	AG	EQ		B	
VHiSN74LS244N	55- 45	AS	FG		B	
VHiSN74LS273N	55- 46	AQ	EZ		B	
VHiSN74LS32NS	55- 47	AF	DS		B	
VHiSN74LS373N	55- 48	AL	EG		B	
VHiSN74LS74NS	55- 49	AD	DJ		B	
VHiSTA401A／－1	53- 74	AP	EQ		B	
VHiSTA408A／－1	53- 75	AM	EG		B	
VHiSTA457C／－1	53- 76	AH	DX		B	
VHiTA7291S／－1	53- 77	AF	DS		B	
VHiTA8425H／－1	53- 78	AZ	FX		B	
VHiTC4052BF－F	53- 79	AF	DS		B	
VHiTC74HC253F	53- 80	AG	DX	N	B	
VHiTD62504F－1	53- 81	AF	DS		B	
〃	55- 50	AF	DS		B	
VHiULN2003AN1	53- 82	AE	DJ		B	
VHiUPA2003GR／	55- 51	AF	DS		B	
VHiUPD78217－1	55- 52	BA	GD		B	
VHiU78M05AHF1	53- 83	AF	DX		B	
VHiU78M10AHF1	53- 84	AG	DX	N	B	
VHi27C01072FC	55- 53	AY	FQ	N	B	
VHi27C01073FC	55- 53	AY	FQ	N	B	
VHi27C01074FC	55- 53	AY	FQ	N	B	
VHi27C01075FC	55- 53	AY	FQ	N	B	
VHi27C01076FC	55- 53	AY	FQ	N	B	
VHi27C02040FC	53- 85	BC	GD	N	B	
VHi27C04007FC	55- 54	BD	GJ	N	B	
VHi27C51295FC	55- 55	AX	FG	N	B	
VHi71054GB3B4	53- 86	AP	EQ		B	
VHPGP1A22LC－1	3- 14	AK	EB		B	
〃	21- 86	AK	EB		B	
〃	22- 66	AK	EB		B	
〃	30- 132	AK	EB		B	
〃	31- 45	AK	EB		B	
〃	37- 15	AK	EB		B	
VHPGP1A71A1－1	7- 21	AG	DX		B	
〃	8- 62	AG	DX		B	
〃	16- 98	AG	DX		B	
〃	21- 102	AG	DX		B	
〃	22- 44	AG	DX		B	
〃	39- 8	AG	DX		B	
〃	40- 1	AG	DX		B	
〃	41- 32	AG	DX		B	
VHPGP2A10／／－1	31- 40	AR	EZ		B	
VHPGP3A38／／－1	19- 26	AH	DX		B	
〃	20- 26	AH	DX		B	
〃	21- 17	AH	DX		B	
VHPGP4S09／／－1	18- 27	AT	FG		B	
VHPLB603MF／－1	54- 12	AQ	EQ		B	
VHPLD603MG／－1	54- 13	AE	DS		B	
VHPPC123Y／／－1	57- 34	AE	DJ	N	C	
VHPSLR322MC3F	54- 14	AC	DJ		B	
VHPSLR322VC3F	53- 87	AC	DJ		B	
VHRS11MD5V／－1	57- 35	AF	DS		B	
VHRS21MD3VY－1	57- 35	AG	DS		B	
VHRS21ME4F／－1	57- 36	AH	DX		B	
VHRS21ME4FY－1	57- 36	AK	EB		B	
VHSBCR16HM08S	46- 8	AN	EQ		B	
VHSBCR16HM12S	46- 8	AP	EQ		B	
VHSTM1241S－L／	57- 37	AK	EB		B	
VHSTM1641P－L1	57- 37	AP	EQ		B	
VHSTM341S－L－1	56- 11	AF	DX		B	
VHSTM361S－L－1	56- 11	AF	DX		B	
VHSTM861S－L－1	57- 37	AH	DX		B	
VRD－HT2EY221J	53- 88	AA	DD		C	
VRD－HT2EY223J	57- 39	AA	DD		C	
VRD－HT2EY471J	53- 89	AA	DD		C	
VRD－HT2HY105J	57- 38	AA	DD		C	
VRD－HT2HY471J	53- 90	AA	DD		C	
VRD－HT2HY474J	57- 38	AA	DD		C	
VRD－RC2EY103J	56- 12	AA	DD		C	
VRD－RC2EY161J	55- 56	AA	DD		C	
VRD－RC2EY201J	55- 57	AA	DD		C	
VRD－RC2EY472J	55- 58	AA	DD		C	
VRD－RC2EY560J	55- 59	AA	DD		C	
VRD－RC2EY681J	56- 13	AA	DD		C	
VRNHT2EK1102F	53- 91	AA	DD		C	
VRNHT2EK1502F	53- 92	AA	DD		C	
VRNHT2EK3900F	53- 93	AA	DD		C	
VRNHT2EK4700F	53- 94	AA	DD		C	
VRNHT2EK4701F	53- 95	AA	DD		C	
VRNHT2EK5100F	53- 96	AA	DD		C	
VRNHT2EK5102F	53- 97	AA	DD		C	
VRNHT2EK5600F	53- 98	AB	DD		C	
VRNHT2EK6200F	53- 99	AB	DD		C	
VRNHT2EK6201F	53- 100	AA	DD		C	
VRNHT2EK7500F	53- 101	AA	DD		C	
VRNHT2HK2003F	57- 40	AC	DJ		C	
VRNHT2HK4123F	57- 40	AC	DJ		C	
VRNRC2EK6201F	55- 60	AA	DD		C	
VRS－HT2HA101J	57- 41	AA	DD		C	
VRS－HT2HA102J	56- 14	AB	DD		C	
VRS－HT2HA121J	57- 42	AA	DD		C	
VRS－HT2HA201J	57- 42	AA	DD		C	
VRS－HT2HA511J	56- 14	AB	DD		C	
VRS－HT3AA103J	57- 44	AA	DD		C	
VRS－HT3AA201G	56- 15	AB	DD		C	
VRS－HT3AA911J	55- 61	AA	DD		C	
VRS－HT3DAR82J	53- 102	AC	DD		C	
VRS－RE3HG240J	53- 103	AE	DS		C	
VRS－RE3LA103J	57- 43	AB	DD		C	
VRS－RE3LA433J	57- 43	AC	DJ		C	
VRS－TP2BD000J	54- 15	AA	DD		C	
VRS－TP2BD101J	54- 16	AA	DD		C	
VRS－TP2BD102J	54- 17	AA	DD		C	
VRS－TP2BD121J	54- 18	AA	DD		C	
VRS－TP2BD152J	54- 19	AA	DD		C	
VRS－TP2BD200J	54- 20	AA	DD		C	
VRS－TP2BD331J	54- 21	AB	DD		C	
VRS－TS2AD101J	53- 104	AA	DD		C	
VRS－TS2AD102F	53- 105	AA	DD		C	
VRS－TS2AD102J	53- 106	AA	DD		C	
〃	55- 62	AA	DD		C	
VRS－TS2AD103F	53- 107	AA	DD		C	
VRS－TS2AD103J	53- 108	AA	DD		C	
〃	55- 63	AA	DD		C	
VRS－TS2AD104F	53- 109	AA	DD		C	
VRS－TS2AD104J	53- 110	AA	DD		C	
VRS－TS2AD122F	53- 111	AA	DD		C	
VRS－TS2AD122J	53- 112	AA	DD		C	
VRS－TS2AD123F	53- 113	AA	DD		C	
VRS－TS2AD133F	53- 114	AA	DD		C	
VRS－TS2AD134F	53- 115	AA	DD		C	
VRS－TS2AD151J	55- 64	AA	DD		C	
VRS－TS2AD152F	53- 116	AA	DD		C	
VRS－TS2AD152J	53- 117	AA	DD		C	
VRS－TS2AD153F	53- 118	AA	DD		C	
VRS－TS2AD202F	55- 65	AA	DD		C	
VRS－TS2AD203J	53- 119	AA	DD		C	
〃	55- 66	AA	DD		C	
VRS－TS2AD222J	53- 120	AA	DD		C	
VRS－TS2AD223F	55- 67	AA	DD		C	
VRS－TS2AD224J	53- 121	AA	DD		C	
VRS－TS2AD242F	53- 122	AB	DD		C	
VRS－TS2AD242J	55- 68	AA	DD		C	
VRS－TS2AD243J	55- 69	AA	DD		C	
VRS－TS2AD272J	55- 70	AA	DD		C	
VRS－TS2AD305J	53- 123	AA	DD		C	
VRS－TS2AD331J	55- 71	AA	DD		C	
VRS－TS2AD332F	53- 124	AA	DD		C	
VRS－TS2AD334F	53- 125	AA	DD		C	
VRS－TS2AD362J	53- 126	AA	DD		C	
VRS－TS2AD392F	53- 127	AA	DD		C	
VRS－TS2AD392J	53- 128	AA	DD		C	
VRS－TS2AD393F	53- 129	AA	DD		C	
VRS－TS2AD393J	53- 130	AA	DD		C	
VRS－TS2AD470J	53- 131	AA	DD		C	
VRS－TS2AD472F	53- 132	AA	DD		C	
VRS－TS2AD472J	53- 133	AA	DD		C	
〃	55- 72	AA	DD		C	
VRS－TS2AD473F	53- 134	AA	DD		C	
VRS－TS2AD473J	53- 135	AA	DD		C	
VRS－TS2AD511F	53- 136	AA	DD		C	
VRS－TS2AD511J	53- 137	AA	DD		C	
VRS－TS2AD560J	53- 138	AA	DD		C	
VRS－TS2AD561F	55- 73	AB	DD		C	
VRS－TS2AD562F	53- 139	AA	DD		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
VRS−TS2AD563J	53- 140	AA	DD		C	
VRS−TS2AD623F	53- 141	AA	DD		C	
VRS−TS2AD624J	55- 74	AA	DD		C	
VRS−TS2AD752J	55- 75	AA	DD		C	
VRS−TS2AD822F	53- 142	AA	DD		C	
VRS−TS2AD823F	53- 143	AA	DD		C	
VRS−TS2AD911J	53- 144	AA	DD		C	
VRS−TS2AD913F	53- 145	AA	DD		C	
VSDTA143EK／−1	53- 146	AB	DD		B	
VSDTA144GK／−1	55- 76	AB	DJ		B	
VSDTC114EK／−1	53- 147	AB	DD		B	
VSDTC123YK／−1	54- 22	AB	DJ		B	
VSDTC144GKA−1	53- 148	AC	DJ	N	B	
VS2SB1295−／−1	54- 23	AB	DD		B	
〃	55- 77	AB	DD		B	
VS2SC2412K／−1	53- 149	AB	DD		B	
VS2SC3332−／−1	57- 45	AE	DJ		B	
VS2SD1383KB−1	53- 150	AC	DJ		B	
VS2SD1625−／−1	55- 78	AA	DJ		B	
VS2SD592A／／−1	55- 79	AE	DJ		B	
VVLLM320092−1	2- 24	CB	TX		B	
【X】						
XBBSC40P08000	41- 47	AA	DD		C	
XBBSC40P10000	47- 62	AA	DD		C	
XBBSD26P08000	30- 36	AA	DD		C	
XBBSD30P04000	30- 107	AA	DD		C	
XBBSD30P05000	41- 17	AA	DD		C	
XBBSD30P06000	13- 162	AA	DD		C	
〃	14- 42	AA	DD		C	
〃	18- 12	AA	DD		C	
〃	38- 35	AA	DD		C	
〃	40- 20	AA	DD		C	
〃	41- 24	AA	DD		C	
XBBSD30P08000	2- 51	AA	DD		C	
〃	10- 55	AA	DD		C	
〃	15- 56	AA	DD		C	
XBBSD30P10000	18- 26	AA	DD		C	
XBBSD30P12000	11- 8	AA	DD		C	
XBBSD30P16000	8- 113	AA	DD		C	
〃	13- 3	AA	DD		C	
XBBSD40P04000	30- 193	AA	DD		C	
XBBSD40P06000	21- 135	AA	DD		C	
〃	22- 72	AA	DD		C	
XBBSD40P08000	7- 65	AA	DD		C	
〃	8- 7	AA	DD		C	
〃	8- 48	AA	DD		C	
〃	10- 18	AA	DD		C	
〃	13- 45	AA	DD		C	
〃	15- 11	AA	DD		C	
〃	30- 197	AA	DD		C	
〃	37- 44	AA	DD		C	
XBBSD40P10000	8- 5	AA	DD		C	
〃	9- 39	AA	DD		C	
〃	21- 16	AA	DD		C	
XBBSD40P12000	9- 54	AA	DD		C	
〃	11- 6	AA	DD		C	
〃	15- 24	AA	DD		C	
XBBSD40P14000	43- 13	AA	DD		C	
XBBSE40P08000	17- 25	AA	DD		C	
XBBSF30P06000	1- 34	AA	DD		C	
XBBS240P14000	11- 50	AA	DD		C	
XBPBN40P06K00	9- 51	AA	DD		C	
XBPBW40P05K00	13- 160	AC	DD		C	
XBPBZ40P06K00	7- 80	AA	DD		C	
XBPBZ50P06K00	46- 12	AB	DD		C	
XBPSC30P08KS0	7- 7	AA	DD		C	
XBPSD26P04KS0	40- 38	AA	DD		C	
XBPSD30P04K00	30- 1	AA	DD		C	
XBPSD30P04000	37- 39	AA	DD		C	
〃	44- 5	AA	DD		C	
XBPSD30P05KS0	13- 87	AA	DD		C	
XBPSD30P06KS0	3- 6	AA	DD		C	
〃	6- 1	AA	DD		C	
〃	13- 29	AA	DD		C	
〃	19- 48	AA	DD		C	
〃	20- 48	AA	DD		C	
〃	29- 17	AA	DD		C	
〃	30- 4	AA	DD		C	
〃	32- 9	AA	DD		C	
〃	38- 20	AA	DD		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
XBPSD30P06KS0	39- 11	AA	DD		C	
〃	40- 45	AA	DD		C	
〃	45- 6	AA	DD		C	
XBPSD30P06K00	7- 46	AA	DD		C	
〃	14- 15	AA	DD		C	
〃	16- 6	AA	DD		C	
〃	29- 25	AA	DD		C	
〃	30- 148	AA	DD		C	
〃	31- 17	AA	DD		C	
XBPSD30P06000	28- 17	AA	DD		C	
XBPSD30P08KS0	7- 72	AA	DD		C	
〃	11- 2	AA	DD		C	
〃	21- 128	AA	DD		C	
XBPSD30P08K00	53- 151	AA	DD		C	
〃	57- 46	AA	DD		C	
XBPSD30P08000	22- 27	AA	DD		C	
〃	30- 115	AA	DD		C	
XBPSD30P10KS0	22- 59	AB	DD		C	
XBPSD30P10K00	31- 41	AA	DD		C	
〃	57- 47	AA	DD		C	
XBPSD30P10000	11- 31	AA	DD		C	
XBPSD30P12KS0	53- 152	AA	DD		C	
XBPSD30P12000	9- 41	AA	DD		C	
〃	17- 14	AA	DD		C	
XBPSD30P14K00	10- 23	AA	DD		C	
XBPSD30P14000	14- 10	AA	DD		C	
XBPSD30P16000	2- 25	AA	DD		C	
〃	46- 35	AA	DD		C	
XBPSD30P25000	2- 36	AA	DD		C	
〃	30- 118	AA	DD		C	
XBPSD40P05K00	29- 22	AA	DD		C	
〃	30- 44	AA	DD		C	
XBPSD40P05000	19- 60	AA	DD		C	
〃	20- 52	AA	DD		C	
XBPSD40P06KS0	13- 108	AA	DD		C	
XBPSD40P06K00	7- 31	AA	DD		C	
〃	34- 1	AA	DD		C	
XBPSD40P06XS0	15- 55	AA	DD		C	
XBPSD40P06000	5- 6	AA	DD		C	
〃	5- 27	AA	DD		C	
〃	6- 2	AA	DD		C	
〃	7- 53	AA	DD		C	
XBPSD40P08KS0	8- 33	AA	DD		C	
〃	10- 38	AA	DD		C	
〃	12- 4	AA	DD		C	
〃	13- 32	AA	DD		C	
〃	15- 31	AA	DD		C	
〃	21- 61	AA	DD		C	
〃	22- 69	AA	DD		C	
〃	29- 24	AA	DD		C	
〃	46- 16	AA	DD		C	
XBPSD40P08K00	8- 42	AA	DD		C	
〃	46- 7	AA	DD		C	
XBPSD40P08000	28- 59	AA	DD		C	
XBPSD40P09K00	13- 156	AA	DD		C	
XBPSD40P12K00	19- 25	AA	DD		C	
〃	20- 25	AA	DD		C	
〃	21- 48	AA	DD		C	
〃	22- 65	AA	DD		C	
〃	30- 133	AA	DD		C	
〃	31- 44	AA	DD		C	
XBPSD40P12000	9- 50	AA	DD		C	
XBPSD40P14000	4- 28	AA	DD		C	
XBPSD40P18KS0	28- 52	AA	DD		C	
XBPSD40P20XS0	46- 14	AA	DD		C	
XBPSD40P20000	17- 12	AA	DD		C	
〃	30- 146	AA	DD		C	
XBPSD40P22000	32- 18	AA	DD		C	
XBPSD40P25KS0	9- 23	AA	DD		C	
〃	46- 14	AA	DD		C	
XBPSD40P30KS0	46- 18	AA	DD		C	
XBPSD40P30000	7- 2	AA	DD		C	
〃	34- 4	AA	DD		C	
XBPSD40P35KS0	9- 4	AA	DD		C	
XBPSD40P85000	39- 10	AA	DD	N	C	
XBPSF30P04000	4- 7	AA	DD		C	
XBPSF30P08000	21- 78	AA	DD		C	
XBPSF40P08KS0	16- 142	AA	DD		C	
XBPSF40P12KS0	13- 130	AA	DD		C	
XBPSF40P22000	21- 4	AA	DD		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
XBPSF40P60000	21- 89	AC	DJ		C	
XBPS230P04000	43- 8	AA	DD		C	
XBPS230P05KS0	11- 71	AA	DD		C	
XBPS230P10KS0	22- 3	AA	DD	N	C	
XBPUW40P25KS0	29- 51	AB	DD		C	
XBRSE60-14000	8- 77	AA	DD		C	
〃	10- 15	AA	DD		C	
XBSSD30P06000	15- 52	AA	DD		C	
XBSSE30P10000	1- 24	AA	DD		C	
XBTSF30P05000	7- 74	AA	DD		C	
XBTSF40P06000	7- 22	AA	DD		C	
〃	21- 46	AA	DD		C	
〃	21- 130	AA	DD		C	
〃	22- 48	AA	DD		C	
XBTSF40P08000	1- 63	AA	DD		C	
〃	13- 202	AA	DD		C	
XCPSD30P06000	7- 51	AA	DD		C	
XCPSD30P08000	5- 7	AA	DD		C	
XCPSF30P06000	4- 30	AA	DD		C	
XCPSF40P08000	7- 50	AA	DD		C	
XCSSD40P10000	11- 38	AA	DD		C	
XEBSD30P06000	1- 78	AA	DD		C	
〃	2- 48	AA	DD		C	
〃	44- 8	AA	DD		C	
XEBSD30P08000	2- 11	AA	DD		C	
〃	14- 30	AA	DD		C	
〃	15- 71	AA	DD		C	
〃	18- 57	AA	DD		C	
〃	43- 4	AA	DD		C	
XEBSD30P10000	2- 17	AA	DD		C	
〃	19- 2	AA	DD		C	
〃	20- 2	AA	DD		C	
XEBSD30P16000	19- 39	AA	DD		C	
〃	20- 39	AA	DD		C	
XEBSD30P30000	19- 30	AA	DD		C	
〃	20- 30	AA	DD		C	
XEBSD40P08000	1- 8	AA	DD		C	
〃	2- 34	AA	DD		C	
〃	11- 49	AA	DD		C	
〃	15- 38	AA	DD		C	
〃	18- 9	AA	DD		C	
〃	18- 73	AA	DD		C	
〃	31- 7	AA	DD		C	
〃	33- 4	AA	DD		C	
〃	39- 3	AA	DD		C	
XEBSD40P10000	14- 13	AA	DD		C	
〃	31- 72	AA	DD		C	
XEBSD40P12000	9- 21	AA	DD		C	
〃	16- 34	AA	DD		C	
〃	19- 11	AA	DD		C	
〃	20- 11	AA	DD		C	
〃	23- 14	AA	DD		C	
〃	29- 7	AA	DD		C	
〃	40- 6	AA	DD		C	
XEBSD40P14000	3- 15	AA	DD		C	
XEBSD40P16000	16- 46	AA	DD		C	
〃	19- 40	AA	DD		C	
XEBSD40P20000	20- 40	AA	DD		C	
XEBSD40P30000	19- 41	AA	DD		C	
〃	20- 41	AA	DD		C	
XEBSE30P08000	41- 11	AA	DD		C	
XEPSD30P05000	3- 11	AA	DD		C	
〃	15- 12	AA	DD		C	
XEPSD30P08X00	2- 31	AA	DD		C	
XEPSD30P08000	3- 13	AA	DD		C	
〃	23- 5	AA	DD		C	
XEPSD30P12000	11- 10	AA	DD		C	
XEPSD40P06000	7- 64	AA	DD		C	
XEPSD40P08000	21- 26	AA	DD		C	
〃	43- 2	AA	DD		C	
XEPSD40P10X00	11- 14	AA	DD		C	
〃	37- 30	AA	DD		C	
XEPSD40P35000	35- 7	AA	DD		C	
〃	36- 3	AA	DD		C	
XEPSF30P08000	1- 35	AA	DD		C	
〃	21- 21	AA	DD		C	
XHBSD30P05000	13- 84	AA	DD		C	
XHBSD30P06000	4- 29	AA	DD		C	
〃	34- 7	AA	DD		C	
XHBSD30P08000	30- 123	AA	DD		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
XHBSD30P08000	31- 43	AA	DD		C	
XHBSD40P08000	7- 103	AA	DD		C	
〃	8- 111	AA	DD		C	
〃	10- 39	AA	DD		C	
〃	19- 37	AA	DD		C	
〃	20- 37	AA	DD		C	
〃	29- 10	AA	DD		C	
〃	31- 63	AA	DD		C	
XHBSD40P10000	29- 40	AA	DD		C	
XHBSE30P06000	41- 38	AA	DD		C	
XHBSE40P06000	37- 31	AA	DD		C	
XHBSE40P10000	1- 1	AA	DD		C	
〃	8- 91	AA	DD		C	
〃	9- 26	AA	DD		C	
〃	10- 35	AA	DD		C	
〃	20- 61	AA	DD		C	
〃	37- 28	AA	DD		C	
〃	39- 12	AA	DD		C	
XHBSF30P06000	32- 28	AA	DD		C	
XHPSD30P06000	11- 33	AA	DD		C	
XHPSD30P08000	10- 20	AA	DD		C	
XHPSD40P04000	10- 37	AA	DD		C	
XHPSD40P30000	8- 107	AA	DD		C	
XHPSE30P08000	1- 71	AA	DD		C	
XJBSD40P08000	45- 11	AA	DD		C	
XJTSD40P08000	7- 35	AA	DD		C	
〃	45- 9	AA	DD		C	
XNESD40-32000	5- 10	AA	DD		C	
〃	7- 40	AA	DD		C	
〃	8- 1	AA	DD		C	
〃	13- 127	AA	DD		C	
〃	14- 35	AA	DD		C	
〃	30- 136	AA	DD		C	
XNESD60-50000	8- 74	AA	DD		C	
XPSSJ20-08000	18- 65	AA	DD		C	
XPSSJ20-14000	11- 62	AA	DD		C	
XPSSJ30-14000	11- 66	AA	DD		C	
XRESP20-03000	24- 23	AA	DD		C	
〃	25- 1	AA	DD		C	
〃	26- 1	AA	DD		C	
〃	27- 9	AA	DD		C	
XRESP20-04000	14- 65	AA	DD		C	
〃	21- 18	AA	DD		C	
XRESP20-06000	42- 8	AA	DD		C	
XRESP30-04000	6- 9	AA	DD		C	
〃	19- 43	AA	DD		C	
〃	20- 43	AA	DD		C	
〃	28- 42	AA	DD		C	
〃	30- 7	AA	DD		C	
〃	31- 20	AA	DD		C	
〃	32- 12	AA	DD		C	
〃	38- 24	AA	DD		C	
〃	40- 28	AA	DD		C	
XRESP30-06000	3- 3	AA	DD		C	
〃	14- 69	AA	DD		C	
〃	18- 61	AA	DD		C	
XRESP40-05000	21- 126	AA	DD		C	
XRESP40-06000	13- 94	AA	DD		C	
〃	14- 27	AA	DD		C	
〃	15- 25	AA	DD		C	
〃	16- 120	AA	DD		C	
〃	18- 19	AA	DD		C	
〃	32- 29	AA	DD		C	
〃	37- 2	AA	DD		C	
XRESP50-06000	11- 29	AA	DD		C	
〃	13- 2	AA	DD		C	
〃	14- 32	AA	DD		C	
〃	15- 63	AA	DD		C	
〃	16- 27	AA	DD		C	
〃	17- 29	AA	DD		C	
〃	18- 39	AA	DD		C	
〃	21- 92	AA	DD		C	
〃	22- 30	AA	DD		C	
〃	28- 46	AA	DD		C	
〃	30- 126	AA	DD		C	
〃	31- 33	AA	DD		C	
〃	32- 31	AA	DD		C	
〃	38- 6	AA	DD		C	
〃	39- 17	AA	DD		C	
〃	40- 16	AA	DD		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
XRESP60-08000	15- 15	AA	DD		C	
XRESP70-08000	5- 23	AA	DD		C	
〃	7- 23	AA	DD		C	
〃	8- 23	AA	DD		C	
〃	13- 11	AA	DD		C	
〃	15- 28	AA	DD		C	
〃	16- 12	AA	DD		C	
〃	17- 7	AA	DD		C	
〃	19- 5	AA	DD		C	
〃	19- 57	AA	DD		C	
〃	20- 5	AA	DD		C	
〃	21- 73	AA	DD		C	
〃	22- 17	AA	DD		C	
〃	24- 1	AA	DD		C	
〃	25- 8	AA	DD		C	
〃	26- 6	AA	DD		C	
〃	27- 6	AA	DD		C	
〃	28- 5	AA	DD		C	
〃	29- 1	AA	DD		C	
〃	30- 27	AA	DD		C	
〃	31- 3	AA	DD		C	
〃	32- 16	AA	DD		C	
〃	38- 5	AA	DD		C	
〃	40- 25	AA	DD		C	
XRESP80-08000	41- 41	AA	DD		C	
XRESP90-08000	16- 136	AA	DD		C	
〃	29- 28	AA	DD		C	
XUBSD40P12000	35- 8	AA	DD		C	
XWHNZ60-03120	21- 109	AA	DD		C	
〃	22- 14	AA	DD		C	
XWHSD30-05080	14- 63	AA	DD		C	
〃	17- 15	AA	DD		C	
〃	30- 109	AA	DD		C	
XWHSD40-08000	5- 11	AA	DD		C	
〃	7- 39	AA	DD		C	
〃	7- 58	AA	DD		C	
XWHSD40-08100	13- 129	AA	DD		C	
〃	16- 71	AA	DD		C	
〃	17- 13	AA	DD		C	
〃	30- 137	AA	DD		C	
〃	32- 30	AA	DD		C	
XWHSD40-10100	8- 80	AA	DD		C	
XWHSD60-10130	15- 39	AA	DD		C	
XWSSD40-08000	8- 2	AA	DD		C	
XWSSD40-10000	8- 34	AA	DD		C	
〃	13- 128	AA	DD		C	
XWSSD60-15000	8- 75	AA	DD		C	
XWVSD50-08000	21- 115	AA	DD		C	
XXXSP40L08000	28- 20	AB	DD		C	
【0】						
0CWER020SKP//	47- 19	AA	DD		C	
〃	49- 29	AA	DD		C	
0CWER030SKP//	50- 1	AA	DD		C	
0CWER040SKP//	49- 126	AA	DD		C	
〃	50- 38	AA	DD		C	
0CWER050SKP//	49- 16	AA	DD		C	
〃	50- 11	AA	DD		C	
0CWER070SKP//	48- 23	AA	DD		C	
〃	49- 60	AA	DD		C	
〃	50- 21	AA	DD		C	
0CWE120000369	60- 1	AU	FG	N	B	
0CWE120000870	50- 51	AM	EG		B	
0CWE120000897	60- 3	AD	DJ		B	
0CWE120001318	47- 41	AU	FG	N	B	
0CWE230000031	60- 4	AK	DX		C	
0CWE240000268	49- 128	AS	EQ	N	C	
0CWE240000309	47- 65	AP	EQ		C	
0CWE250000141	60- 5	AG	DX		B	
0CWE250000153	60- 6	AG	DX	N	B	
0CWE311000978	60- 7	AD	DJ		B	
0CWE311001019	60- 8	AD	DJ		B	
0CWE311001020	60- 9	AE	DS		B	
0CWE312001081	60- 10	AB	DD		B	
0CWE312001240	60- 11	AC	DD		B	
0CWE312001282	60- 12	AH	DX	N	B	
0CWE312001363	60- 13	AG	DX		B	
0CWE312001377	60- 14	AE	DJ	N	B	
0CWE312001398	60- 15	AC	DJ	N	B	
0CWE312001399	60- 16	AL	EB	N	B	
0CWE314000301	51- 6	AM	EG		B	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
0CWE314000479	60- 17	AF	DS	N	B	
0CWE314000528	49- 33	AL	EB		B	
0CWE314000531	49- 122	AN	EG		B	
〃	50- 42	AN	EG		B	
0CWE321000320	60- 18	AK	DX		B	
0CWE321000358	60- 19	AG	DX		B	
0CWE321000555	60- 20	AP	EQ		B	
0CWE321000636	60- 21	AG	DX		B	
0CWE321000650	60- 22	BB	GD		B	
0CWE323000282	60- 23	AY	FQ	N	B	
0CWE323000305	60- 24	AP	EQ		B	
0CWE323000315	60- 25	BB	GD	N	B	
0CWE420001104	60- 93	AD	DJ	N	C	
0CWE450000005	47- 52	AA	DD		C	
0CWE450000377	47- 26	AC	DJ		C	
0CWE450000575	49- 124	AC	DJ	N	C	
〃	50- 46	AC	DJ	N	C	
0CWE450000576	50- 75	AC	DJ	N	C	
0CWE450000732	49- 22	AC	DJ	N	C	
〃	50- 13	AC	DJ	N	C	
0CWE450000739	51- 29	AB	DJ		C	
0CWE450000748	47- 2	AC	DJ		C	
〃	49- 89	AC	DJ		C	
0CWE450000806	47- 55	AD	DJ		C	
0CWE450000838	47- 56	AE	DS	N	C	
0CWE450000842	49- 85	AC	DJ		C	
〃	50- 45	AC	DJ		C	
0CWE450000871	49- 23	AB	DJ		C	
0CWE450000896	47- 23	AC	DJ		C	
0CWE70014J271	60- 26	AB	DJ	N	C	
0CWE70014J910	60- 27	AB	DJ	N	C	
0CWE70154JR10	60- 28	AC	DJ	N	C	
0CWE70162J102	60- 29	AB	DJ	N	C	
0CWE70175J392	60- 30	AA	DJ	N	C	
0CWE70188F102	60- 31	AB	DJ	N	C	
0CWE70188F820	60- 32	AB	DJ	N	C	
0CWE70188J100	60- 33	AA	DJ		C	
0CWE70188J101	60- 34	AA	DJ		C	
0CWE70188J102	60- 35	AA	DJ		C	
0CWE70188J103	60- 36	AA	DJ		C	
0CWE70188J104	60- 37	AA	DJ		C	
0CWE70188J105	60- 38	AA	DJ		C	
0CWE70188J152	60- 39	AA	DJ		C	
0CWE70188J153	60- 40	AA	DJ		C	
0CWE70188J183	60- 41	AA	DJ	N	C	
0CWE70188J203	60- 42	AA	DJ		C	
0CWE70188J221	60- 43	AA	DJ		C	
0CWE70188J223	60- 44	AA	DJ		C	
0CWE70188J242	60- 45	AA	DJ		C	
0CWE70188J273	60- 46	AA	DJ	N	C	
0CWE70188J302	60- 47	AA	DJ	N	C	
0CWE70188J472	60- 48	AA	DJ		C	
0CWE70188J473	60- 49	AA	DJ		C	
0CWE70188J821	60- 50	AA	DJ		C	
0CWE70188J913	60- 51	AA	DJ	N	C	
0CWE70197J100	60- 52	AB	DD		C	
0CWE70197J4R7	60- 53	AA	DJ		C	
0CWE70205J432	60- 54	AC	DJ	N	C	
0CWE72027M103	60- 55	AH	DX		B	
0CWE72027M203	60- 56	AF	DS		B	
0CWE72027M503	60- 57	AF	DS		B	
0CWE72083M103	60- 58	AL	EB	N	C	
0CWE73044J103	60- 59	AD	DJ	N	C	
0CWE73295Z155	60- 60	AD	DJ	N	C	
0CWE73303Z104	60- 61	AB	DJ		C	
0CWE73303Z334	60- 62	AC	DJ	N	C	
0CWE73328K102	60- 63	AB	DJ		C	
0CWE73328K103	60- 64	AB	DJ	N	C	
0CWE73328K104	60- 65	AC	DJ	N	C	
0CWE73328K223	60- 66	AB	DJ	N	C	
0CWE73328K273	60- 67	AC	DJ	N	C	
0CWE73423M105	60- 68	AC	DJ		C	
0CWE73423M475	60- 69	AC	DJ		C	
0CWE73423M476	60- 70	AC	DJ		C	
〃	60- 71	AC	DJ		C	
0CWE73425M107	60- 72	AD	DJ		C	
0CWE74012WE03	60- 73	AD	DJ		C	
0CWE74071WE04	60- 74	AC	DJ		C	
0CWE74269BK28	60- 75	AD	DJ		C	
0CWE74270WE03	60- 76	AC	DJ		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
0CWE74291WE10	60- 77	AF	DS	N	C	
0CWE74299BK03	60- 78	AB	DD		C	
0CWE74299BK08	60- 79	AD	DS		C	
0CWE74340WE02	60- 80	AC	DJ		C	
0CWE74340WE06	60- 81	AD	DJ		C	
0CWE74340WE12	60- 82	AF	DS		C	
0CWE74340WE14	60- 83	AF	DS	N	C	
0CWE76005A6R2	60- 84	AE	DS		B	
0CWE76005B160	60- 85	AD	DJ		B	
0CWE76008H120	60- 86	AB	DD		B	
0CWE76008H5R1	60- 87	AC	DJ		B	
0CWE7700208A/	60- 88	AF	DS		B	
0CWE7700214A/	60- 89	AG	DX		B	
0CWE7700232A/	60- 90	AE	DS		B	
0CWE7702006//	60- 91	AG	DS		B	
0CWHW040FZM//	49- 58	AA	DD		C	
〃	50- 15	AA	DD		C	
0CWKW040RN///	47- 61	AB	DJ		C	
0CWPW060050//	51- 27	AA	DD		C	
0CWSP02012FPA	49- 118	AB	DJ		C	
0CW020080SCH/	49- 7	AB	DD		C	
〃	50- 55	AB	DD		C	
0CW020100SCH/	49- 4	AA	DD		C	
0CW020120SCH/	49- 75	AA	DD		C	
〃	50- 56	AA	DD		C	
0CW020140SCH/	49- 130	AB	DD		C	
0CW023120FZBi	50- 50	AA	DD		C	
0CW030040FZBi	48- 3	AA	DD		C	
〃	50- 70	AA	DD		C	
0CW030040FZiT	48- 11	AA	DD		C	
〃	49- 31	AA	DD		C	
〃	50- 40	AA	DD		C	
0CW030040FZWS	50- 9	AA	DD		C	
0CW030060FZiT	47- 16	AA	DD		C	
0CW030060FZTP	48- 4	AA	DD		C	
〃	49- 25	AA	DD		C	
〃	50- 10	AA	DD		C	
〃	50- 76	AA	DD		C	
0CW030060FZWS	47- 64	AA	DD		C	
〃	49- 67	AA	DD		C	
〃	51- 17	AA	DD		C	
0CW030080FPWP	49- 115	AB	DJ		C	
〃	50- 36	AB	DJ		C	
0CW030080FZWS	49- 57	AA	DD		C	
〃	50- 16	AA	DD		C	
0CW030120FZWS	49- 20	AA	DD		C	
〃	50- 63	AA	DD		C	
0CW030160FZWS	47- 40	AA	DD		C	
0CW040050FZiT	47- 44	AA	DD		C	
0CW040060FZiT	47- 42	AA	DD		C	
〃	51- 14	AA	DD		C	
0CW040060FZTP	47- 21	AA	DD		C	
〃	48- 14	AA	DD		C	
〃	50- 74	AA	DD		C	
0CW040060FZWS	51- 9	AA	DD		C	
0CW040080FNBi	47- 1	AA	DD		C	
0CW040080FNTR	51- 20	AA	DJ		C	
0CW040080FZWS	48- 47	AA	DD		C	
0CW040100FNSW	47- 63	AB	DJ		C	
0CW040100FNWS	47- 11	AB	DJ		C	
0CW2078P023B/	49- 53	AC	DJ		C	
0CW2078P086B/	47- 15	AB	DD		C	
〃	48- 39	AB	DD		C	
0CW2078P119B/	50- 28	AB	DD		C	
0CW2088P222C/	49- 59	AH	DX		B	
〃	50- 14	AH	DX		B	
0CW2088P283//	49- 129	AN	EG	N	C	
〃	50- 35	AN	EG	N	C	
0CW2119P017//	49- 63	AD	DJ	N	C	
0CW2119P038C/	49- 72	AE	DJ		C	
0CW2119P039B/	49- 70	AE	DS		C	
0CW2119P040B/	49- 73	AE	DS		C	
0CW2119P044B/	49- 77	AD	DS		C	
0CW2119P045//	49- 12	AG	DX	N	C	
0CW2119P046//	49- 95	AE	DS	N	C	
0CW2119P048B/	49- 112	AF	DS		C	
0CW2119P053B/	49- 74	AC	DD		C	
0CW2119P054//	49- 8	AD	DJ	N	C	
0CW2119P086//	49- 96	AU	EZ	N	C	
0CW2119P087//	49- 97	AU	EZ	N	C	
0CW2119P093//	49- 98	AL	EB	N	B	
0CW2119P094//	49- 9	AN	EQ		B	
0CW2119P098B/	49- 94	AP	EQ		B	
0CW2119P109//	49- 93	AG	DS	N	B	
0CW2119P110//	49- 11	AF	DS	N	B	
0CW2119P111//	49- 17	AF	DS	N	B	
0CW2119P153//	49- 111	AG	DX	N	C	
0CW2134P060//	49- 13	AK	DX	N	C	
0CW2142P057//	47- 18	AF	DS	N	C	
0CW2142P179B/	51- 18	AF	DS		C	
0CW2144P317//	49- 117	AP	EQ	N	B	
0CW2144P409B/	47- 6	AA	DD		C	
〃	48- 15	AA	DD		C	
〃	50- 72	AA	DD		C	
〃	51- 7	AA	DD		C	
0CW2144P410B/	47- 3	AA	DD		C	
〃	50- 25	AA	DD		C	
〃	51- 1	AA	DD		C	
0CW2148P095//	49- 15	AS	EZ	N	C	
0CW2148P096//	49- 81	AV	FG	N	C	
0CW2158P002B/	47- 12	AQ	EQ		D	
0CW2158P003C/	50- 52	AE	DS		C	
0CW2158P005//	50- 7	AE	DS	N	C	
0CW2158P032D/	48- 8	AD	DS		C	
0CW2158P033C/	48- 9	AD	DS		C	
0CW2158P035//	48- 1	AF	DS	N	C	
0CW2158P103B/	50- 53	AE	DS	N	C	
0CW2158P110//	47- 46	AD	DJ	N	C	
0CW2158P349//	47- 13	AC	DJ	N	C	
0CW2158P521B/	49- 6	AE	DJ	N	B	
〃	50- 12	AE	DJ	N	B	
0CW2160P324B/	49- 108	AS	EQ	N	B	
0CW2160P332B/	50- 5	AD	DJ		B	
0CW2160P344//	48- 24	AR	EQ	N	B	
〃	49- 61	AR	EQ	N	B	
0CW2164P141B/	48- 30	AE	DS		C	
0CW2164P142//	48- 26	AF	DS		C	
0CW2164P143B/	48- 28	AE	DS		C	
0CW2164P330//	47- 53	AB	DJ	N	C	
0CW2164P340//	47- 29	AC	DJ	N	C	
〃	49- 100	AC	DJ	N	C	
〃	50- 44	AC	DJ	N	C	
0CW2164P345//	48- 27	AD	DJ	N	C	
0CW2166P016B/	49- 48	AD	DJ		C	
0CW2166P034B/	49- 5	AC	DJ		C	
0CW2166P108//	50- 41	AC	DJ	N	C	
0CW2166P299//	49- 116	AS	EZ	N	C	
0CW2168P030D/	49- 102	AG	DX	N	C	
0CW2176K055C/	51- 8	AR	EQ		C	
0CW2176K102//	47- 48	AM	EG	N	C	
0CW2176K219B/	47- 5	AZ	FX		E	
0CW2176P001D/	47- 9	BT	MW	N	D	
0CW2176P003C/	51- 19	BE	GN	N	D	
0CW2176P004//	51- 2	BA	FX	N	D	
0CW2176P005//	51- 21	AP	EQ	N	C	
0CW2176P006//	51- 22	AP	EQ	N	C	
0CW2176P008D/	51- 23	AS	EQ		D	
0CW2176P010B/	47- 24	AL	EG		C	
0CW2176P011B/	49- 50	AK	EB		D	
0CW2176P013//	49- 92	AK	DX	N	C	
0CW2176P021//	51- 5	AK	DX	N	C	
0CW2176P022B/	50- 4	AG	DX		C	
0CW2176P025//	48- 37	AF	DS	N	C	
0CW2176P026//	49- 50	AL	EB	N	D	
0CW2176P028B/	48- 12	AK	DX	N	C	
0CW2176P104//	47- 27	AN	EG	N	C	
0CW2176P111G/	48- 10	AW	FG	N	C	
0CW2176P112B/	50- 8	AG	DX	N	C	
0CW2176P124//	51- 15	AR	EQ	N	C	
0CW2176P131//	49- 66	AG	DX	N	C	
0CW2176P134B/	49- 69	AP	EQ	N	C	
0CW2176P136C/	48- 34	AW	FG	N	C	
0CW2176P138D/	51- 16	AH	DX		C	
0CW2176P139B/	49- 54	AG	DX		C	
0CW2176P142//	47- 43	AG	DX	N	C	
0CW2176P143B/	50- 17	AG	DX		C	
0CW2176P144//	51- 11	AG	DX	N	C	
0CW2176P151//	48- 2	AG	DS	N	C	
0CW2176P152//	48- 5	AK	EB		C	
0CW2176P154//	48- 13	AG	DS	N	C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
0CW2176P205//	49- 65	AX	FG	N	C	
0CW2176P206//	49- 76	AT	EZ	N	C	
0CW2176P214//	47- 60	AD	DJ	N	C	
0CW2176P309B/	49- 88	AF	DX		C	
0CW2176P310//	50- 37	AU	FG	N	C	
0CW2176P315B/	50- 65	AN	EQ		B	
0CW2176P317//	49- 34	AD	DJ	N	C	
〃	50- 29	AD	DJ	N	C	
0CW2176P321//	50- 3	AG	DX	N	C	
0CW2176P323//	49- 46	AE	DJ	N	C	
0CW2176P328B/	49- 56	AK	EB		C	
0CW2176P330B/	49- 36	AC	DJ		C	
0CW2176P334//	47- 7	AT	EZ	N	D	
0CW2176P335//	47- 7	AR	EQ	N	D	
0CW2176P336C/	47- 51	AK	EB		C	
0CW2176P338C/	51- 25	AU	EZ	N	D	
0CW2176P339C/	51- 25	AR	EQ	N	D	
0CW2176P340C/	51- 25	AN	EQ	N	D	
0CW2176P342//	49- 51	AG	DX	N	C	
0CW2176P345//	51- 28	AC	DJ	N	C	
0CW2176P347//	50- 2	AG	DX	N	C	
0CW2176P348//	49- 90	AH	DX	N	C	
0CW2176P349//	49- 35	AE	DJ	N	C	
0CW2176P359//	47- 14	AL	EB	N	C	
0CW2176P364//	51- 24	AL	EB	N	C	
0CW2176P370C/	50- 31	AL	EB	N	B	
0CW2176P374B/	48- 7	AD	DJ		C	
0CW2176P377B/	48- 33	AT	EZ	N	B	
0CW2176P378//	48- 36	AF	DS		C	
0CW2176P379//	49- 71	AN	EG	N	C	
0CW2176P382//	48- 22	BT	NE	N	B	
0CW2198P105//	47- 54	AF	DS		C	
0CW2198P358//	50- 67	AE	DJ		C	
0CW2198P422//	60- 92	AY	FQ	N	B	
0CW2199K104//	49- 19	AU	EZ		E	
〃	50- 64	AU	EZ		E	
0CW2204P306//	49- 105	AN	EQ	N	B	
0CW2210P407//	50- 48	BK	HC	N	B	
0CW2214P033//	48- 19	AE	DJ		C	
0CW2214P402//	50- 6	AU	FG		B	
0CW2217P348//	49- 25	AC	DJ	N	C	
〃	50- 76	AC	DJ	N	C	
0CW2222K006//	47- 57	BF	GN	N	C	
〃	48- 35	BF	GN	N	C	
〃	49- 86	BF	GN	N	C	
〃	50- 60	BF	GN	N	C	
0CW2222K009//	47- 25	BB	GD	N	C	
〃	48- 43	BB	GD	N	C	
〃	49- 62	BB	GD	N	C	
〃	50- 19	BB	GD	N	C	
0CW2222K015//	49- 32	AL	EB	N	C	
0CW2222K020//	49- 55	AF	DS	N	C	
0CW2222K031//	49- 101	BS	MJ	N	E	
0CW2222K033//	50- 49	AS	EQ	N	C	
0CW2222K037B/	50- 69	AP	EQ	N	C	
0CW2222K039//	50- 18	AH	DX	N	C	
0CW2222K052//	51- 10	AT	EZ	N	C	
0CW2222K053//	51- 13	AT	EZ	N	C	
0CW2222K054//	51- 4	AX	FG	N	C	
0CW2222K072//	47- 20	AL	EB	N	C	
0CW2222K073//	47- 17	AL	EB	N	C	
0CW2222K080//	47- 45	BH	HC	N	C	
0CW2222K081//	47- 28	BK	HC	N	C	
0CW2222K200//	47- 31	CA	TX	N	E	
〃	60- 901	CA	TX	N	E	
0CW2222K201//	47- 32	BA	FX	N	B	
〃	60- 2	BA	FX	N	B	
0CW2222K204//	47- 39	AR	EQ	N	C	
〃	49- 99	AR	EQ	N	C	
0CW2222K205//	47- 38	AQ	EQ	N	C	
〃	49- 21	AQ	EQ	N	C	
0CW2222K206//	47- 4	AL	EB	N	C	
0CW2222K207//	47- 36	AL	EB	N	C	
〃	50- 43	AL	EB	N	C	
0CW2222K208//	50- 62	AL	EB	N	C	
0CW2222K209//	47- 33	AH	DX	N	C	
0CW2222K210//	49- 91	AP	EQ	N	C	
0CW2222K211B/	47- 35	AV	FG	N	C	
〃	49- 84	AV	FG	N	C	
〃	50- 47	AV	FG	N	C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
0CW2222K212//	51- 3	AW	FG	N	C	
0CW2222K213//	51- 30	AV	FG	N	C	
0CW2222K214//	47- 34	BE	GN	N	C	
0CW2222K215//	47- 67	AF	DS	N	C	
0CW2222P001//	50- 61	AY	FQ	N	C	
0CW2222P002B/	48- 20	AR	EQ	N	C	
0CW2222P003B/	47- 8	AV	FG	N	C	
0CW2222P004//	49- 119	AF	DS	N	C	
0CW2222P005//	49- 28	AG	DS	N	C	
0CW2222P006//	49- 87	AG	DS	N	C	
0CW2222P007//	50- 27	AR	EQ	N	C	
0CW2222P008//	49- 110	AE	DJ	N	C	
0CW2222P009//	49- 107	AF	DS	N	C	
0CW2222P010//	49- 109	AE	DS	N	C	
0CW2222P011//	48- 46	AE	DS	N	C	
0CW2222P012//	49- 49	AH	DX	N	C	
0CW2222P013//	49- 2	AH	DX	N	C	
0CW2222P014//	50- 24	AG	DS	N	C	
0CW2222P015//	48- 45	AF	DS	N	C	
0CW2222P016//	50- 39	AF	DS	N	C	
0CW2222P017//	50- 54	AE	DJ	N	C	
0CW2222P018//	50- 57	AE	DS	N	C	
0CW2222P019//	50- 59	AF	DS	N	C	
0CW2222P020//	48- 42	AF	DS	N	C	
0CW2222P021//	49- 10	AF	DS	N	C	
0CW2222P102//	49- 37	AX	FG	N	C	
0CW2222P103//	49- 45	AX	FG	N	C	
0CW2222P104//	50- 68	AW	FG	N	C	
0CW2222P106//	49- 24	AQ	EQ	N	C	
0CW2222P108B/	50- 66	AG	DS	N	C	
0CW2222P109//	49- 52	AF	DS	N	C	
0CW2222P110//	49- 120	AN	EG	N	C	
0CW2222P114//	49- 121	AE	DS	N	C	
0CW2222P117B/	47- 22	AW	FG	N	C	
0CW2222P119//	48- 40	AG	DX	N	C	
0CW2222P120//	48- 38	AG	DX	N	C	
0CW2222P121//	50- 30	AT	EZ	N	C	
0CW2222P122//	48- 17	AU	EZ	N	C	
0CW2222P123B/	47- 30	AF	DS	N	C	
0CW2222P124//	48- 16	AE	DJ	N	C	
0CW2222P126B/	49- 68	AG	DX	N	C	
0CW2222P127B/	50- 32	AL	EB	N	C	
0CW2222P135//	47- 59	AL	EB	N	C	
0CW2222P136//	47- 50	AY	FQ	N	C	
0CW2222P137//	47- 47	AY	FQ	N	C	
0CW2222P138//	49- 127	AF	DS	N	C	
〃	50- 77	AF	DS	N	C	
0CW2222P200B/	49- 18	AV	FG	N	C	
0CW2222P201//	49- 1	AN	EQ	N	C	
0CW2222P202//	49- 47	AL	EB	N	C	
0CW2222P203//	49- 113	AN	EG	N	C	
0CW2222P206//	48- 18	AE	DJ	N	C	
0CW2222P300//	49- 43	AN	EG	N	C	
0CW2222P301//	49- 40	AL	EB	N	C	
0CW2222P302//	49- 3	AV	FG	N	C	
0CW2222P303//	50- 33	AY	FQ	N	C	
0CW2222P304//	50- 58	AP	EQ	N	B	
0CW2222P305//	48- 31	BB	GD	N	C	
0CW2222P306//	48- 25	BA	FX	N	C	
0CW2222P307//	49- 38	BB	GD	N	C	
0CW2222P308//	50- 34	AZ	FQ	N	C	
0CW2222P309//	50- 23	AG	DS	N	C	
0CW2222P310B/	49- 27	AE	DJ	N	C	
0CW2222P311//	49- 30	AG	DX	N	C	
0CW2222P312//	49- 82	AY	FQ	N	C	
0CW2222P313//	49- 114	AL	EB	N	C	
0CW2222P314//	49- 39	AH	DX	N	C	
0CW2222P315//	50- 22	BB	GD	N	C	
0CW2222P316//	49- 41	AG	DX	N	C	
0CW2222P317//	51- 26	AE	DS	N	C	
0CW2222P318B/	48- 44	AE	DS	N	C	
0CW2222P319B/	48- 21	AM	EG	N	C	
0CW2222P320B/	49- 64	AF	DS	N	C	
0CW2222P321//	50- 71	AE	DS	N	C	
0CW2222P322//	49- 26	AG	DX	N	C	
0CW2222P323//	48- 6	AD	DJ	N	C	
0CW2222P324//	50- 26	AK	EB	N	C	
0CW2222P328//	49- 44	AF	DS	N	C	
0CW2222P329//	49- 42	AG	DX	N	C	
0CW2222P330//	49- 83	AE	DJ	N	C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
0CW2222P331//	48- 29	BA	FX	N	C	
0CW2222P400//	47- 37	BN	HZ	N	B	
〃	49- 104	BN	HZ	N	B	
0CW2222P401//	49- 125	BQ	LP	N	B	
0CW3003P969//	47- 66	AY	FQ	N	C	
0CW3023P013B/	49- 78	AD	DS		C	
0CW3023P014C/	49- 80	AN	EQ		C	
0CW3023P015B/	49- 14	AP	EQ		C	
0CW3023P092C/	49- 79	AE	DS		C	
0CW319300////	50- 20	AD	DJ		C	
0CW343160////	60- 94	AA	DJ	N	C	
0CW4016P167//	48- 41	AC	DJ	N	C	
0CW4045P400C/	49- 123	BM	HR	N	B	
0CW636700−01/	49- 103	AS	EZ		C	
0CW660580////	47- 10	AA	DD		C	
0CW812531////	48- 32	AA	DD		C	
〃	51- 12	AA	DD		C	
0FT14337964//	59- 13	AF	DS	N	C	
0FT14338413//	59- 14	AR	EQ	N	C	
0FT23074188//	59- 7	AK	DX	N	C	
0FT23075109//	59- 15	AF	DS	N	C	
0FT23078361//	59- 16	AH	DX		B	
0FT23080986//	59- 17	AG	DX		B	
0FT23087638//	59- 6	AF	DS	N	C	
0FT23090280//	59- 18	AD	DJ		C	
〃	59- 19	AD	DJ		C	
0FT23090523//	59- 20	AD	DJ		C	
0FT23090531//	59- 21	AD	DJ		C	
〃	59- 22	AD	DJ		C	
0FT23095525//	59- 23	AD	DJ		C	
〃	59- 24	AD	DJ		C	
0FT23104907//	59- 25	AF	DS	N	B	
0FT23105237//	59- 26	AG	DX	N	C	
0FT23105423//	59- 27	AE	DS		C	
0FT23124347//	59- 28	AL	EB	N	C	
0FT23128903//	59- 28	AN	EG	N	C	
0FT23166503//	59- 29	AD	DJ	N	B	
0FT23177777//	59- 8	AK	DX	N	A	
0FT23195236//	59- 30	AC	DJ		B	
0FT23198634//	59- 31	AF	DS	N	B	
0FT23201007//	59- 156	AF	DS	N	C	
0FT23202569//	59- 157	AC	DJ		C	
0FT23246183//	59- 32	AF	DS		B	
0FT23256189//	59- 33	AF	DS	N	B	
0FT23265420//	59- 34	AE	DS		B	
0FT23288153//	59- 35	AE	DS		B	
0FT23291235//	59- 36	AE	DS		B	
0FT23299783//	59- 37	AS	EQ		B	
0FT23308065//	59- 38	AN	EG		B	
〃	59- 39	AN	EG		B	
0FT23310639//	59- 40	AE	DS		B	
0FT23322335//	59- 41	AF	DS		B	
0FT23323668//	59- 158	AR	EQ	N	C	
0FT23333671//	59- 9	BD	GN	N	C	
0FT23333744//	59- 42	AP	EQ	N	B	
0FT23334325//	59- 43	AD	DJ		C	
0FT23339424//	59- 159	AQ	EQ	N	C	
0FT23339440//	59- 160	AF	DS		C	
0FT23339505//	59- 161	AV	FG	N	C	
0FT23339599//	59- 162	AV	FG	N	C	
0FT23339750//	59- 163	AC	DJ		C	
0FT23348393//	59- 44	AE	DS		B	
0FT23352897//	59- 45	AS	EQ		B	
0FT23364755//	59- 46	AK	DX		B	
0FT23370860//	59- 164	AB	DJ		C	
0FT23371336//	59- 47	AK	DX	N	C	
0FT23405087//	59- 48	AN	EG		B	
0FT23413454//	59- 49	BC	GJ	N	C	
0FT23418235//	59- 50	AC	DJ	N	C	
0FT23418340//	59- 51	AC	DJ		C	
0FT23418383//	59- 52	AC	DJ		C	
〃	59- 53	AC	DJ		C	
0FT23418421//	59- 54	AC	DJ		C	
0FT23418472//	59- 55	AC	DJ		C	
0FT23418502//	59- 56	AC	DJ	N	C	
0FT23418510//	59- 57	AC	DJ		C	
〃	59- 58	AC	DJ		C	
0FT23418537//	59- 60	AC	DJ	N	C	
0FT23418545//	59- 59	AC	DJ	N	C	
0FT23418553//	59- 60	AC	DJ		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
0FT23418553//	59- 61	AC	DJ		C	
0FT23418561//	59- 62	AC	DJ		C	
0FT23418596//	59- 63	AC	DJ	N	C	
0FT23418618//	59- 64	AC	DJ		C	
〃	59- 65	AC	DJ		C	
0FT23418634//	59- 66	AC	DJ		C	
0FT23418642//	59- 67	AC	DJ		C	
0FT23418650//	59- 68	AC	DJ	N	C	
0FT23418669//	59- 69	AC	DJ		C	
0FT23418693//	59- 70	AC	DJ		C	
0FT23418707//	59- 71	AC	DJ		C	
0FT23418715//	59- 72	AC	DJ		C	
0FT23418723//	59- 73	AC	DJ	N	C	
0FT23418774//	59- 74	AC	DJ		C	
〃	59- 77	AC	DJ		C	
0FT23418804//	59- 75	AC	DJ		C	
0FT23418855//	59- 76	AC	DJ	N	C	
〃	59- 77	AC	DJ	N	C	
0FT23419789//	59- 78	AC	DJ		C	
0FT23426459//	59- 79	AU	EZ	N	A	
0FT23453561//	59- 5	AC	DJ	N	C	
0FT23455955//	59- 165	AG	DX	N	C	
0FT23456013//	59- 166	AG	DX	N	C	
0FT23463192//	59- 80	AF	DS		C	
0FT23476448//	59- 81	AK	DX	N	C	
0FT23476820//	59- 47	AK	DX	N	C	
〃	59- 81	AK	DX	N	C	
〃	59- 82	AK	DX	N	C	
0FT23477770//	59- 83	AN	EG	N	B	
0FT23516261//	59- 84	AD	DJ		C	
0FT23516288//	59- 85	AD	DJ	N	C	
0FT23518450//	59- 86	AU	EZ	N	B	
0FT23521923//	59- 167	AQ	EQ	N	C	
0FT23522156//	59- 168	AR	EQ	N	C	
0FT23523209//	59- 169	AR	EQ	N	C	
0FT23523284//	59- 170	AW	FG	N	C	
0FT23529932//	59- 87	AE	DJ		C	
0FT23537102//	59- 88	AD	DJ	N	C	
0FT23537137//	59- 89	AD	DJ		C	
0FT23538303//	59- 90	AF	DS	N	C	
0FT23538311//	59- 90	AE	DS	N	C	
0FT23548112//	59- 91	AP	EQ	N	B	
0FT23550109//	59- 92	AU	EZ	N	B	
0FT23554120//	59- 93	AZ	FQ		B	
0FT23554147//	59- 39	AY	FQ		B	
〃	59- 93	AY	FQ		B	
0FT23555364//	59- 94	BA	FX	N	C	
0FT23555402//	59- 95	AD	DJ		C	
0FT23562328//	59- 96	AD	DJ	N	C	
0FT23562417//	59- 97	AD	DJ	N	C	
0FT23562891//	59- 98	AD	DJ	N	C	
0FT23563154//	59- 99	AD	DJ		C	
〃	59- 100	AD	DJ		C	
0FT23563170//	59- 99	AD	DJ	N	C	
0FT23563251//	59- 101	AC	DJ		C	
〃	59- 102	AC	DJ		C	
0FT23563316//	59- 103	AC	DJ	N	C	
0FT23563324//	59- 101	AC	DJ	N	C	
0FT23563642//	59- 104	AD	DJ	N	C	
0FT23563650//	59- 104	AD	DJ	N	C	
0FT23563715//	59- 105	AD	DJ	N	C	
0FT23586928//	59- 107	AD	DJ		B	
0FT23600394//	59- 9	BD	GN	N	C	
0FT23601552//	59- 106	AF	DS		B	
0FT23606732//	59- 107	AD	DJ		B	
〃	59- 108	AD	DJ		B	
0FT23606910//	59- 109	AE	DS		B	
0FT23623122//	59- 110	AZ	FQ	N	C	
0FT23642909//	59- 12	AK	DX		C	
0FT23642925//	59- 10	AK	DX		C	
〃	59- 11	AK	DX		C	
0FT23644642//	59- 111	AG	DX		B	
0FT23644650//	59- 112	AL	EB	N	B	
0FT23649989//	59- 4	AE	DS	N	C	
0FT23652092//	59- 113	AX	FG	N	B	
0FT23657450//	59- 114	AK	DX	N	C	
0FT23668312//	59- 115	AN	EG	N	B	
0FT23673103//	59- 114	AH	DX	N	C	
0FT23690091//	59- 116	AE	DS		B	
0FT23692817//	59- 117	AK	DX	N	C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
0FT23697541//	59- 118	AR	EQ	N	B	
0FT23707555//	59- 119	AD	DJ	N	C	
0FT23719383//	59- 120	AR	EQ	N	C	
0FT23723119//	59- 121	AL	EB	N	A	
0FT23723127//	59- 122	AK	DX	N	A	
0FT23732290//	59- 123	AL	EB	N	B	
0FT23740927//	59- 174	AK	DX	N	C	
0FT23761126//	59- 175	AG	DX	N	A	
0FT23769879//	59- 124	AD	DJ	N	C	
0FT23774376//	59- 125	AU	EZ	N	B	
0FT23780341//	59- 79	AK	DX		A	
〃	59- 122	AK	DX		A	
0FT23782336//	59- 126	AF	DS	N	C	
0FT31294487//	59- 1	AU	EZ	N	B	
0FT31294495//	59- 3	AU	EZ	N	B	
0FT31294509//	59- 2	AU	EZ	N	B	
0FT31294525//	59- 2	AU	EZ	N	B	
0FT31298555//	59- 3	AU	EZ	N	B	
0FT33015798//	59- 127	AF	DS	N	C	
0FT33024258//	59- 124	AD	DJ		C	
0FT33024290//	59- 128	AD	DJ	N	C	
0FT33035349//	59- 129	AK	DX		B	
0FT33035357//	59- 130	AH	DX		B	
0FT33035373//	59- 41	AH	DX		B	
0FT33052146//	59- 131	AF	DS	N	C	
〃	59- 132	AF	DS	N	C	
0FT33054211//	59- 133	AK	DX	N	C	
0FT33056540//	59- 134	AF	DS	N	C	
0FT33057288//	59- 135	AK	DX		C	
0FT33061625//	59- 136	AK	DX	N	C	
0FT33061633//	59- 137	AK	DX	N	C	
0FT33061668//	59- 138	AP	EQ	N	C	
0FT33061676//	59- 139	AU	EZ	N	C	
0FT33061684//	59- 140	AF	DS	N	C	
〃	59- 141	AF	DS	N	C	
0FT33061706//	59- 142	AP	EQ	N	C	
0FT33062699//	59- 143	AX	FG	N	C	
0FT33067178//	59- 144	AZ	FQ	N	A	
0FT33087551//	59- 145	AF	DS	N	C	
0FT33087934//	59- 146	AF	DS	N	C	
0FT33113455//	59- 147	AF	DS	N	C	
0FT33126638//	59- 148	AG	DX	N	C	
0FT33126654//	59- 149	AG	DX	N	C	
〃	59- 151	AG	DX	N	C	
0FT33131755//	59- 150	AG	DX	N	C	
〃	59- 151	AG	DX	N	C	
〃	59- 152	AG	DX	N	C	
0FT33131763//	59- 153	AG	DX	N	C	
0FT33131860//	59- 153	AG	DX	N	C	
0FT33147325//	59- 175	AP	EQ	N	A	
0FT33147333//	59- 121	AP	EQ	N	A	
0FT33149484//	59- 154	AH	DX	N	C	
0FT33154844//	59- 155	BB	GD	N	C	
0FT33174934//	59- 94	BC	GJ	N	C	
0FT33176244//	59- 8	AP	EQ	N	A	
0FT33176252//	59- 144	AP	EQ	N	A	
0FT33196776//	59- 171	AP	EQ	N	C	
0FT33196784//	59- 172	BC	GJ	N	C	
0FT33203578//	59- 173	AX	FG	N	C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			

SHARP

COPYRIGHT Ⓒ 1996 BY SHARP CORPORATION
All rights reserved.
Printed in Japan.
No part of this publication may be reproduced,
stored in a retrieval system, or transmitted,
in any form or by any means,
electronic, mechanical, photocopying, recording, or otherwise,
without prior written permission of the publisher.

SHARP CORPORATION
Printing & Reprographic Systems Group
Quality & Reliability Control Center
Yamatokoriyama, Nara 639-11, Japan
October 1996 Printed in Japan Ⓢ